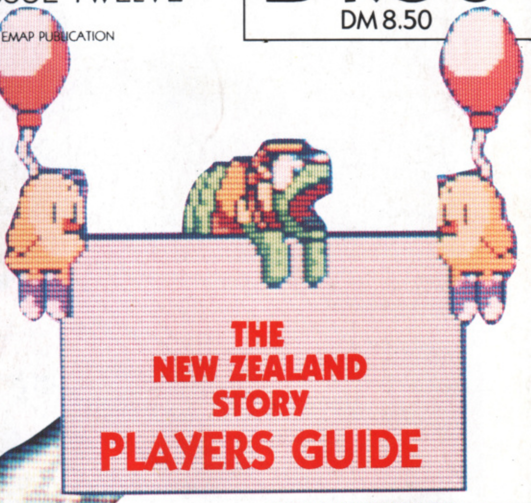
SEPTEMBER 1989
ISSUE TWELVE
AN EMAP PUBLICATION

£1.50
DM 8.50

THE One

ATARI ST
AMIGA
PC

FOR 16-BIT GAMES

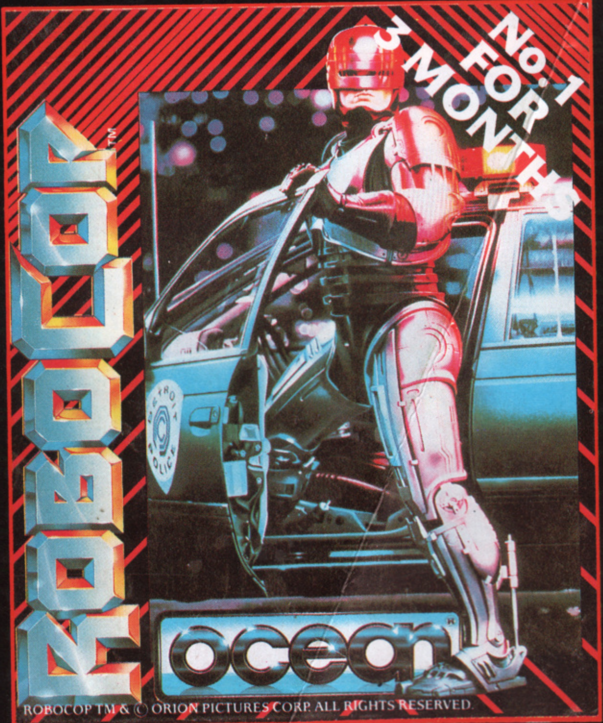


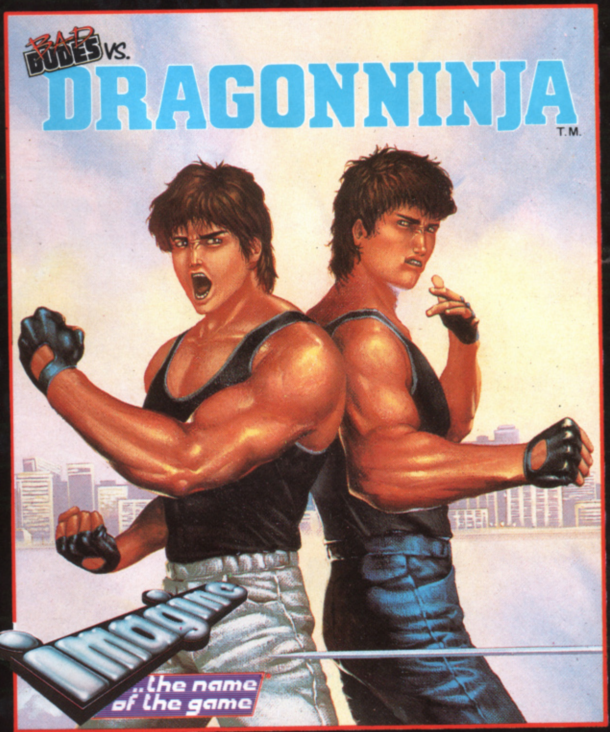
THE
NEW ZEALAND
STORY
PLAYERS GUIDE

STRIDER
US Gold

PAPERBOY:
ELITE DELIVERS!

PLAYFUL


ROBOCOP™
No.1 FOR 3 MONTHS
ocean
ROBOCOP TM & © ORION PICTURES CORP. ALL RIGHTS RESERVED.


BAD DUDES VS.
DRAGONNINJA
T.M.
Imagine
...the name of the game

5 GAME

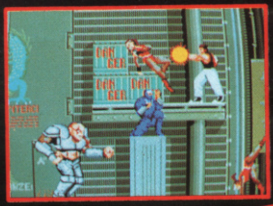
"the most playable and enjoyable licensed games to date".
New Computer Express 5 star

"The graphics are slick, the action is tough ... designed to keep you glued to your stick".
ZZAP Sizzler

SIZZLER

STAI

"a popular movie license backed up by great game-play, an unbeatable formula – needless to say, I'd buy it ... miss this and you're missing the hottest game of the year".
ST Action



"A sure winner with the official conversion to the home computer".
The Games Machine

"There is more than enough action in this one to keep you coming back for more".
Ace

"a superb game with such addictive gameplay".
Computer Games Week FAB

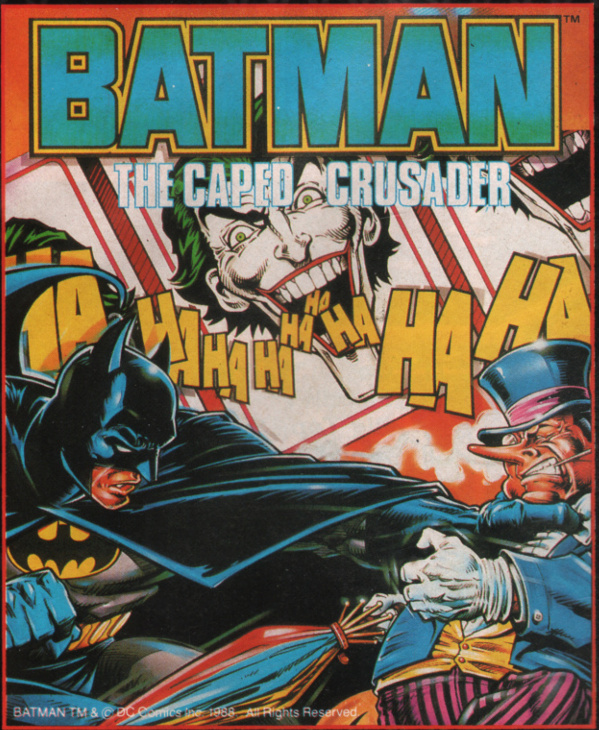
ROBOCOP
PAUSED

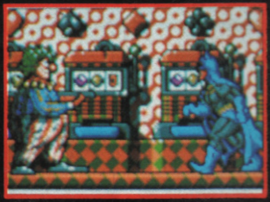
ROBOCOP
PAUSED

	ATARI ST	CBM AMIGA
BATMAN	£19.95	£24.95

Ocean Software Limited · 6 Central Street · Manchester · M2 5NS

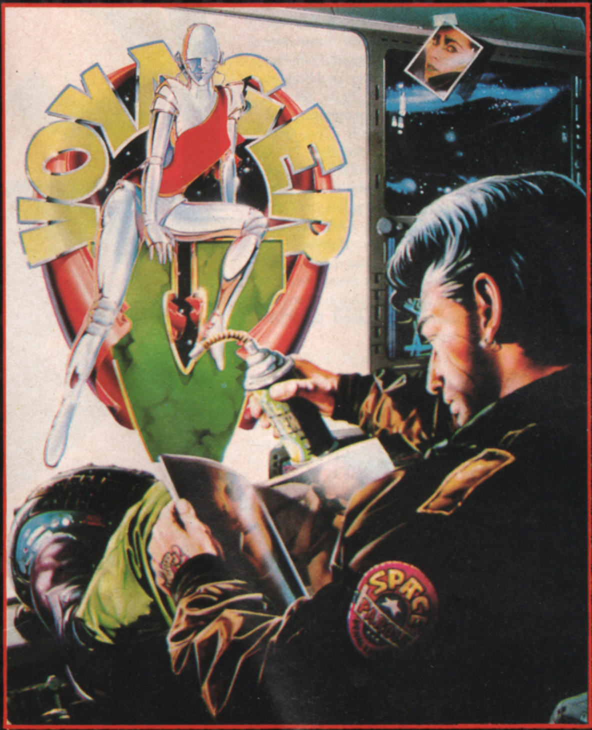
INTELLIGENCE


BATMAN™
THE CAPED CRUSADER
HA HA HA HA HA HA HA HA
BATMAN TM & © DC Comics Inc. 1988. All Rights Reserved



"Special FX programmed the game and have done a great job, recreating the character of the originals with a hint of humour".
Amiga User Int.

"The characters and backgrounds are striking – each are superlative – the Amiga features a soundtrack in glorious remixed stereo".
The One



"polished in every aspect – from the humorous storyline to the end of the blasting".
The Games Machine Top Score

"... you're in for the time of your life ... fabulous 3D, hours of absorbing play – you name it, Voyager's got it. And that's not all: Ocean throw in a cassette soundtrack which has to be one of the most mind-blowing pieces of music I've ever heard".
ZZAP Sizzler

"... scrolling 3D graphics, the most impressive I've seen on the ST ... a great arcade formula and clever graphics ... an excellent game that will keep you playing for quite some time".
ST Action

Enemy Craft Data
Squasher
This strange, deadly alien bounces about the moon surface attempting to crush anything in its path

ROBOCOP
DRAGON NINJA
VOYAGER

ATARI ST **£19.99**

CBM AMIGA **£24.99**

Telephone: 061 832 6633 · Telex: 669977 OCEANS G · Fax: 061 834 0650

CONT

THE One
ATARI ST
AMIGA
PC
16-BIT GAMES
SEPTEMBER 1989
ISSUE TWELVE
£1.50
THE NEW ZEALAND STORY PLAYERS GUIDE
PAPERBOY:
ELITE DELIVERS!

Editor Gary Penn; **Deputy Editor** Ciarán Brennan; **Art Editor** Gareth Jones; **Staff Writer** Gary Whitta; **Art Assistant** Osmond Browne; **Advertisement Manager** Mark Scriven; **Sales Executive** Kathryn Boucher; **Magazine Assistant** Paul Presley; **Contributors** Paul Boughton, Kati Hamza, Brian Nesbitt, Phil South; **Photography** Ian Watson; **Publisher** Clive Pembridge; **Typesetting & Artwork** by Professional Reprographic Services of 53a High Street, Huntingdon, Cambridgeshire PE18 6AQ; **Colour Origination** by Mainset, 171 Hemmingford Road, London N1; **Printed** by Southern Print at Upton Factory, Upton, Poole in Dorset; **Distributed** by EMAP Frontline Ltd.

© The One 1988

Telephone Numbers

Editorial & Advertising	01 251 6222
Facsimile	01 490 1095
Subscription Queries	0733 555161
Newstrade Queries	0733 555161

Addresses

Editorial & Advertising: Priory Court, 30-32 Farringdon Lane, London EC1R 3AU

Subscriptions: PO Box 500, Leicester LE99 0AA

Back Issues: EMAP Frontline Ltd, 1 Lincoln Court, Peterborough PE1 2RP

No thanks this month, but once again an apology to Mr David Gibbons – or rather, Master Daniel Gibbons whose contribution to last month's feature illustrations went unrecorded. Oh, and by the way, we forgot to mention that all **Watchmen** characters are copyright of DC comics.

6 LETTERS

Ooh la la! Voici le premiere forum de opinions, questions et l'answers. (C'est subtle, non?)

8 NEWS

Tom Jones wanted to know What's New, Pussycat? The answer, my friend, is Blowing In The Wind... Spectrum HoloByte's Vette, **plus comic licences in the shape of** Viz **and** Judge Dredd.

24 WORK IN PROGRESS

And you thought Populous **was brilliant... Author Bullfrog Productions reckons the best is yet to come, and from the looks of things it's no joke.**

66 PAPERBOY

Stop the press, who is that? It's Joe Paperboy, that's who. Elite's long-awaited conversion finally hits the news-stands... read all about it.

32 REVIEWS

The buck stops here.

71 **Castle Warrior** (Delphine)
66 **Fiendish Freddy's Big Top O' Fun** (Mindscape)
38 **Kingdoms Of England** (Gainstar/Incognito)
43 **Life & Death** (Mindscape)
32 **Paperboy** (Elite)
58 **Strider** (US Gold)

41 COMPETITION

Your chance to walk off with a vid-mendous Amstrad combined TV and Video Recorder, courtesy of US Gold, in this Strider**-perb competiton.**

47 TIPS

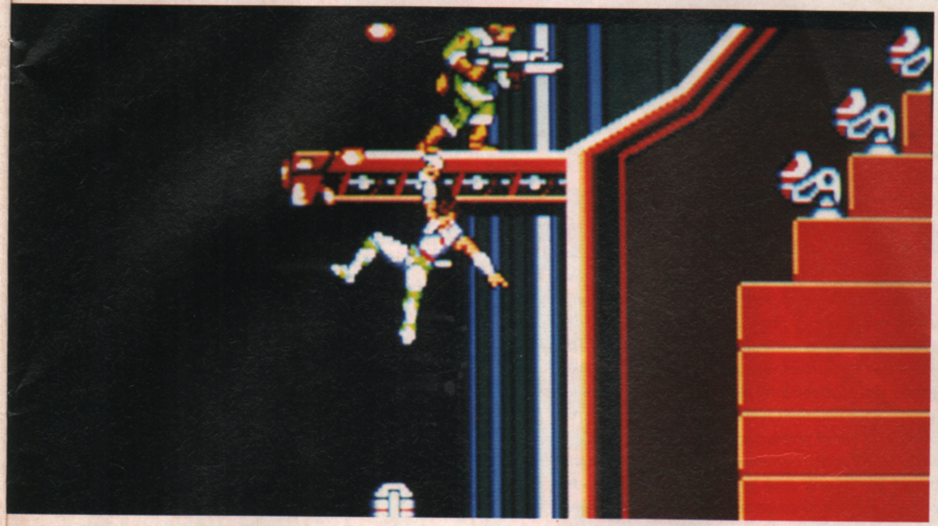
Help is at hand for anyone stuck with...

48 **Indiana Jones And The Last Crusade** (US Gold)
64 **Navy Moves** (Dinamic)
55 **Rick Dangerous** (Firebird)
47 **RoboCop** (Ocean)
64 **Savage** (Firebird)
64 **Silkworm** (Virgin/Sales Curve)
63 **Typhoon Thompson** (Domark)

49 PLAY GUIDE

Awkward in Aukland? Crook in Mt Crook? Then let Choice Software take you under its wing and guide you through The New Zealand Story.

TENTS



58 STRIDER

He walks, he talks, he's got realistic hands, gripping eyes and eagle hair. And he's the hero in US Gold's first-rate CapCom coin-op conversions.

75 WORK IN PROGRESS

Take one coin-op that pushes vector graphics to their limits, add Domark's resident polygon professor, mix well and you've got the 16-bit conversions of Atari's Hard Drivin'.

81 DEMOS

More home-grown wares become public and the domain swells as sampled sounds and silky animation tickle The One team's demo buds.

86 GRAPHICS

Now's the time for all Aunts and Uncles to leave the room as Heavy Metal man Phil South tells you how to get solid.

88 ARCADES

Brutal beat 'em up action with Violence Fight, Arch Rivals **and** Crime Fighters, **and machine gun firefights in** Mechanised Attack. **Enough to send Gordon Houghton and Kati Hamza running for cover.**

94 FEATURE

Lazer Tag grows up as high-tech laser combat in the form of Quasar **comes to London. Well, it's better than broken bottles and knives. Paul Boughton is plugged in and shootting to thrill.**

98 BACKSPACE

MicroProse's UK head honcho steps into the firing line and goes one-on-one with The One to answer your questions.

THE ONE'S GUIDE TO PRICE, RELEASE DATE AND EVERYTHING

You may be used to reading reams of opinionated waffle elsewhere, but here we prefer to let the games speak for themselves. Relevant scenes are shown, with informative captions used to convey the 'feel' of the game in question. At the end of each review there are opinions highlighting any good and bad points, prices, release dates, and ratings where possible. Basically, there's something for everyone – at best a review, and at worst a highly detailed preview. There's nothing clever, just straightforward facts and ratings. Updates will follow where appropriate.

And now the ratings...

GRAPHICS Not necessarily how colourful or well drawn they are, but how well they fit in to the overall effect.

SOUND Again, not necessarily quantity or indeed quality of sound, but how well it's used.

PLAYABILITY How does the game feel? Is it addictive or just plain uninteresting.

VALUE Essentially a reflection of lasting interest – how much game you get for your money.

OVERALL A useful point of reference – essentially a summary of the preceeding ratings.

THIS MONTH'S HOT HIPSTERS

GARY PENN

The Ed's a real workaholic. When there's a job to be done, nothing gets in his way – except **Kick Off, Rainbow Islands, The New Zealand Story** and **Rick Dangerous.** Not to mention...

CIARÁN BRENNAN

Ciarán's a real man about town. Unfortunately, that town is usually Huntingdon, but when he does find the time to visit the office, he gets a kick out of **Kick Off** and... erm, **Kick Off.**

BRIAN NESBITT

MicroSoft's C Compiler V1.3 has been getting jet-set Brian's pulse racing this month – he's even found time between the thrills and spills of sitting in his bedroom to have his hair cut. What a guy...

GARY WHITTA

Nowadays Gary's hectic professional and social lives often mean there's precious little time for computing chortles anymore – but he still squeezes in a game or two of **Kick Off** and **Rainbow Islands** when he can.

KATI HAMZA

Now safe and sound from the horror of deepest darkest Ludlow, Kati is adapting to life 'down south' – but only when she's not too busy playing **Life & Death** and **Kick Off.**

PAUL PRESLEY

Yes! He's alive and working in Farringdon! What? It's... ah, PAUL Presley, that charismatic office charmer who's currently to be seen playing **Kingdom Of England** and **Kick Off.** He's lean, he's mean, and, as Jack would say: "I like him already..."

LETTERS

LETTERS, The One, Priory Court, 30-32
Farringdon Lane, London ECIR 3AU.

TECH KNOWLEDGY

Dear Sir,

I am currently working on a game for the Amiga A500. I am not a professional programmer but I have been coding and writing utilities and demos for a while.

My reason for writing is that I have a problem. For the game I have written my own BOB routines using the blitter, the problem I am having is in the animation of the BOBs. If I clear and update the BOBs every screen scan, ie: once every 50th of a second I get smooth animation. However the main drawback is that it leaves very little processor time for anything useful, as most of the time the blitter or processor are being used to handle the graphics.

Programmers have said in The One that their games run at 25 frames a second. This would clearly allow me an extra screen scan to do the logic part of the game or any non-time critical parts.

How do they manage this? How can I manage this?

Matthew Crewe, Wolverton, Milton Keynes.

Our resident tech-spurt says this: 'Basically, you are going to need to make some suitable compromises. A BOB, or BLOB (BLitter OBject) is a sprite which can be any size you like. However, I must ask how big your's is. Obviously a big BOB will use up more processor time. Also, are you using five bit-planes (32 colours)? If so, the blitter would take longer to plot the BOB. Plus, you lose blitter and CPU time anyway – roughly 25 per cent. 'Double buffer' the screen, ie: use two screens, so you always plot into the screen you are not displaying, then swap them over when you have built everything – and remember to do this when the raster is off the screen. Are you trying to plot the BOB on a static screen? If so, use a third copy of the screen for faster refreshing. If you are plotting on a scrolling screen, use a 'barrel scroll', ie: a taller version of the screen so that the screen is constructed 'off-stage', way before it gets displayed and so any depreciation of speed probably won't get noticed as there's a 'buffer' off screen.

PC PICQUE

Dear **The One,**

I am a PC owner.

Alex Walker, Aboyne, Aberdeenshire.

PS I now know why you call your mag The One – it's because you only do one proper PC review a month.

BUT ON THE OTHER SIDE OF THE COIN

I would like to congratulate you on publishing the best computer magazine I have ever seen. Because I own an IBM-compatible, your magazine has got the largest PC section out of all the magazines I have read so far.

If any other PC owners out there want a pen pal, they can write to me at 28 Inverary Crescent, Hamersley, Perth, Western Australia.

Paul Chew, Perth, Western Australia.

CDI: CAN'T DIG IT

Dear **The One,**

I've noticed that a lot of other magazines have recently been flipping their wigs about CD-Rom and CDI and the like... but I've got only one question to ask – what's all the fuss about?

I understand that using compact disks will allow programmers to make use of tons more data storage than they can use at the moment, but does this necessarily mean that the games they come up with will be any better?

And another thing... will we be able to link up standard CD players to our present machines or will we need separate systems?

This may seem like a lot of questions, but I've read an awful lot about these supposedly fantastic games that we're all going to be playing in the next few years and I'm still not sure that it's all about.

Jerry Harris, Cambridge.

*Funny you should ask that Jerry, but the first reaction that we've had from developers on the subject of using new compact disk technology came when, in the course of researching this month's Work In Progress feature, Gary Whitta discussed the topic with Bullfrog Productions. The boys behind **Populous** weren't exactly 'flipping their wigs' (as you so eloquently put it) about the prospect of games with umpteen billion megabytes of data, or infinite numbers of graphic screens. Their argument is that designing and programming games of that magnitude would not only take years, but it would also be practically impossible to come up with enough original ideas to fill that much space without the game becoming tedious. At any rate, what's the point of writing a game with a million levels, when even the best games player isn't likely to get past 50 or so? Here at **The One,** we're keeping an open mind on the subject until we see the first commercially produced CD games, but as you say, will bigger necessarily mean better?*

CHRISTMAS CRACKERS?

Dear Sir,

The picture that you printed of **Chase HQ** in your August issue made me think that this Christmas is going to be exactly the same as last year's, with all of the big companies releasing their 'best games' at the same time of the year.

Surely software companies can't expect us to buy all of these games at once (last year there was **R-Type, Afterburner, Operation Wolf** and **Double Dragon,** and this year there will be **Chase HQ, Ghostbusters II, Power Drift, Continental Circus** and **Operation Thunderbolt** – all at the same time).

And even if we could afford to buy them all, last year's lot weren't any good anyway – **Operation Wolf** was the best of a bad lot, but **Afterburner** and **Double Dragon** were really awful.

Will this year's lot be as bad?

Mark Nolan, Templeogue, Dublin.

*Who can tell, but from what we've seen so far, **Chase HQ, Operation Thunderbolt** and **Power Drift** are already looking good – even at this early stage. Maybe in the last 12 months developers have got their act together a little better, or maybe the major software companies are starting to see the importance of good quality software. Or maybe not... we'll all see when we shake out our stockings on December 25th.*

LOADSA MUSPRINTS

Dear **The One,**

I enjoy reading **The One** because of its accuracy, taste and presentation, but... is it me, or have you made a **** up of the positioning of the screenshots and captions of the ST versions of **Paperboy** and **Commando** in the News section of the August edition? Please put this right, then your mag will outclass the rest like it has since it started.

Kevin Crain, Bournemouth, Dorset.

*Well spotted Kevin. We would claim it was a deliberate mistake to put the eagle eyes of our readers to the test. But it wasn't. It was a *** up. But how come you missed the others? **Test Drive II** and **Honda RVF** in the ST and PC charts (pages 10 and 13), and also **The Champ** and **APB,** also in the News, on pages 16 and 17. And there's more: pages 24 and 43 of the **Xenon II** review are round the wrong way, there's a caption missing from the **Quartz** review (top right of page 59) and of course the two typographical errors in the intro on page 58 (aboue and Nedbitt). Not forgetting the glaring typo in the **High Steel** review Amiga comment. Oh, and....*

A QUESTION OF DEGREE

Dear The One,

Can you get **720°** by US Gold? Your mag is brilliant especially the Work In Progress feature.

Simon Ford, Benston Rylands, Nottingham.

US Gold informs us that 720° has been available on the ST for about 18 months now – does that answer your question?

LATE PAPERS

Dear Sir,

Ho hum, ho hum and double ho hum! I would like to ask you a few things. Right... where are **Guerilla War, Paper Boy** and **Ghosts And Goblins**? I remember that back in Issue Two you said that you were going to review Paperboy in your next issue – so what happened? By the way, can you send me Gary Whitta's autograph – and a photo if possible?

Michael Greenow, Solihull, West Midlands.

*As you can see, **Paperboy** is already with us, but as for the others... We asked Ocean's software development manager Gary Bracey about **Guerilla War,** to which he replied: "Oh. Don't ask me about that..." As for **Ghosts 'n' Goblins**... it's still in production, but should appear at the PC Show in September (but don't hold your breath, just in case).*

XENON 2

MEGABLAST

XENON II: MEGABLAST

XENON II: this time it's war!

The Xenites are back and have thrown time itself into turmoil, only you can save the day – not to mention the universe!

BATTLE through five VAST, graphically UNCANNY levels, DESTROYING wave after wave of EVIL aliens with the DOZENS of POWERFUL WEAPONS at your disposal.

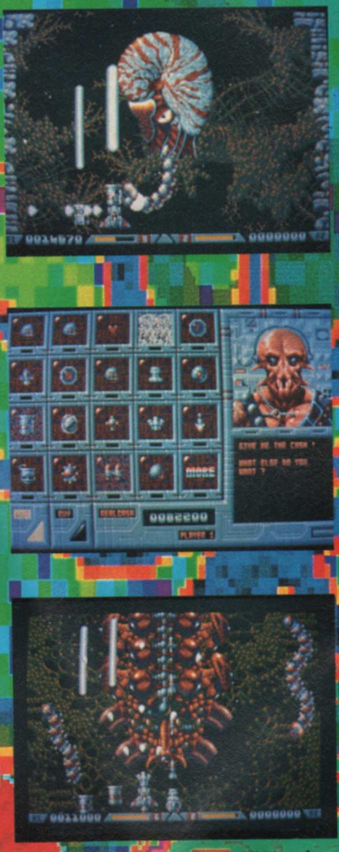
XENON II: HARD, fast COIN-OP QUALITY destructive action with a HOT soundtrack to match. . . a mind blowingly accurate David Whittaker rendition of the 'Bomb The Bass' Megablast.

XENON II: it's out of this world!

XENON II: it's a Megablast!

XENON II: it's a Bitmap Brothers game!

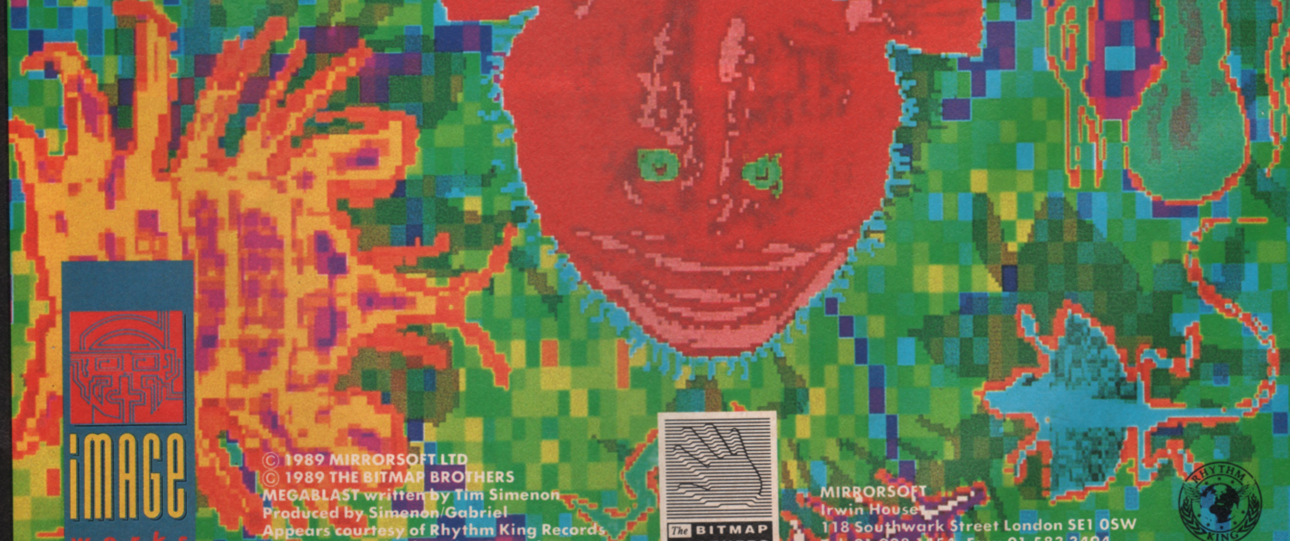
Available Soon on Atari ST, AMIGA & PC.



GIVE ME THE CASH !

WHAT ELSE DO YOU WANT ?

Screen Shots From Atari ST Version.

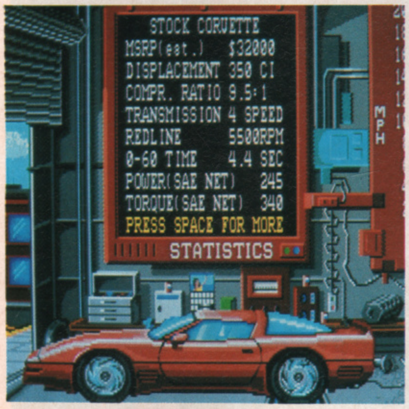


© 1989 MIRRORSOFT LTD
© 1989 THE BITMAP BROTHERS
MEGABLAST written by Tim Simenon
Produced by Simenon/Gabriel
Appears courtesy of Rhythm King Records
Published by Rhythm King Records

MIRRORSOFT
Irwin House
118 Southwark Street London SE1 0SW
Tel: 01-928 1454 Fax: 01-583 3494

NEWS

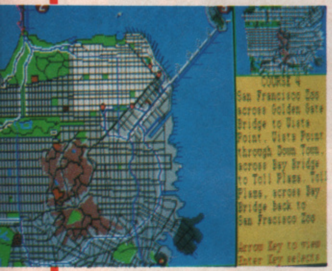
IT SHOULDN'T HAPPEN TO A



```
STOCK CORVETTE
MSRP(est.)      $32000
DISPLACEMENT    350 CI
COMPR. RATIO    8.5:1
TRANSMISSION    4 SPEED
REDLINE         5500RPM
0-60 TIME       4.4 SEC
POWER(SAE NET)  245
TORQUE(SAE NET) 340
PRESS SPACE FOR MORE
```

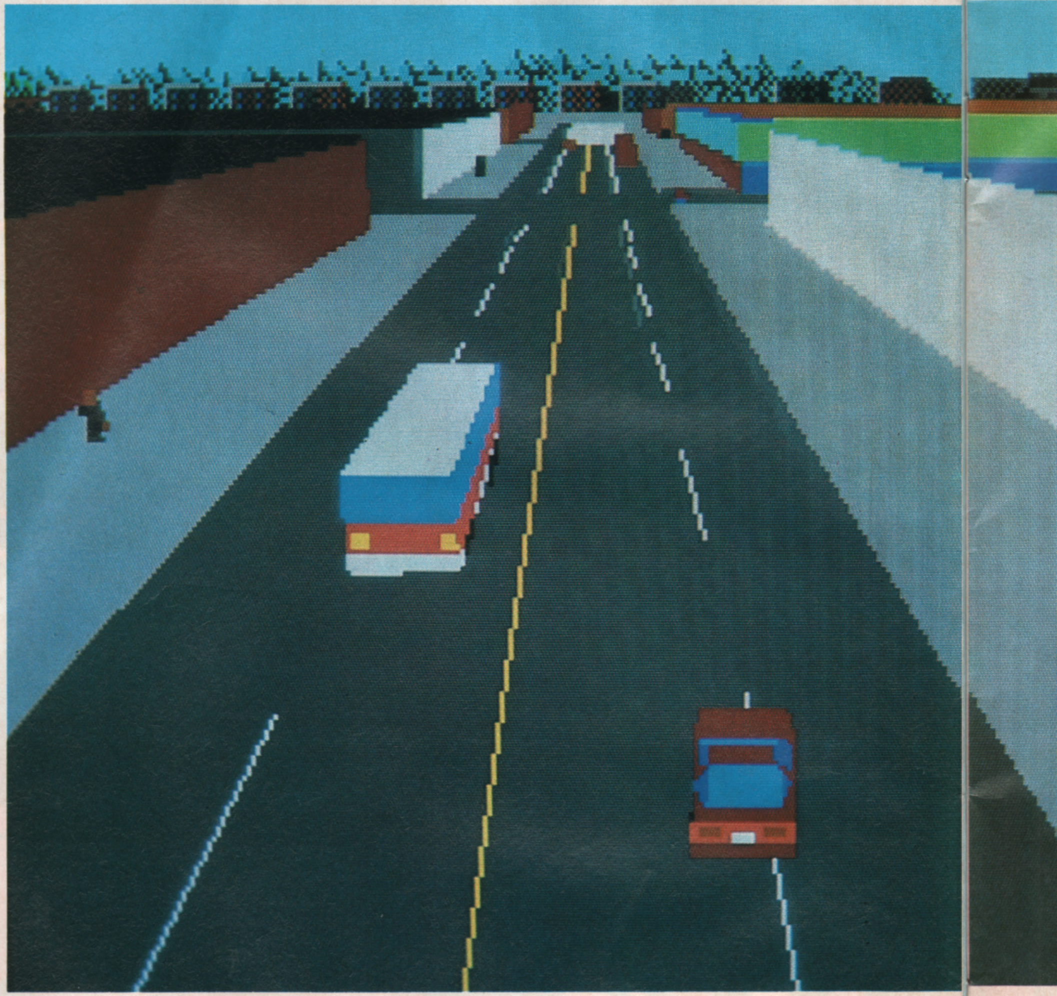
▲ Before taking to the road, the player selects the model of Corvette he fancies at the garage. There's the standard production model, plus a souped-up ZR1 and two custom models, the Callaway Twin Turbo and Callaway Sledgehammer that's capable of clocking up over 254 mph!

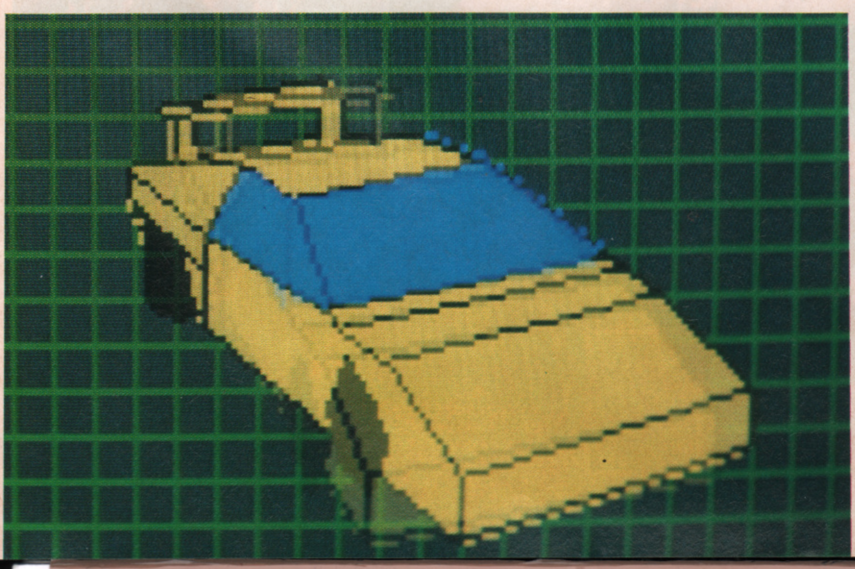
▼ Spectrum HoloByte claims that San Fransisco has been reproduced with geographic accuracy, featuring The Golden Gate Bridge, San Francisco Zoo and the Bank of America building among other famous landmarks. The race is broken down into four legs or courses, and takes the players through the city itself and across the freeways, bridges and tunnels that lead into and out of the metropolis. Alternatively, players can opt for a 'Cannonball Run' from one side of the city to the other.



```
COURSE 4
San Francisco Zoo
across Golden Gate
Bridge to Vista
Point. Vista Point
through Down Town.
across Bay Bridge
to Toll Plaza. Toll
Plaza, across Bay
Bridge back to
San Fracisco Zoo

Arrow Key to view
Enter Key selects
```



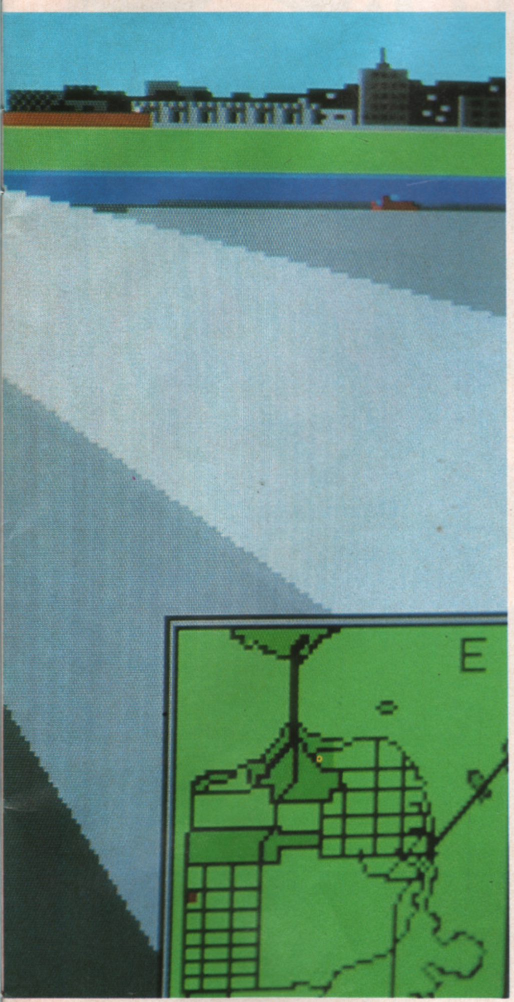


▲ For a more 'arcadey' experience, there's an exterior view – but the realistic performance of the 'Vette still applies, so don't try any flash OutRun tricks.

◀ The cars you're up against are the Porsche 911, Lambourghini Countach, Ferrari Testarossa and Ferrari F40. Spectrum HoloByte seems to have an over-optimistic view of the Corvette's performance, as acceleration graphs here show the stock model can hold its own against the legendary F40, arguably the world's fastest car!

You're nicked son! Knock down a pedestrian, hit another car or break the speed limit and the cops'll be after you in no time. Think fast and you might be able to come up with an excuse that will save your licence. ▶

A VETTE



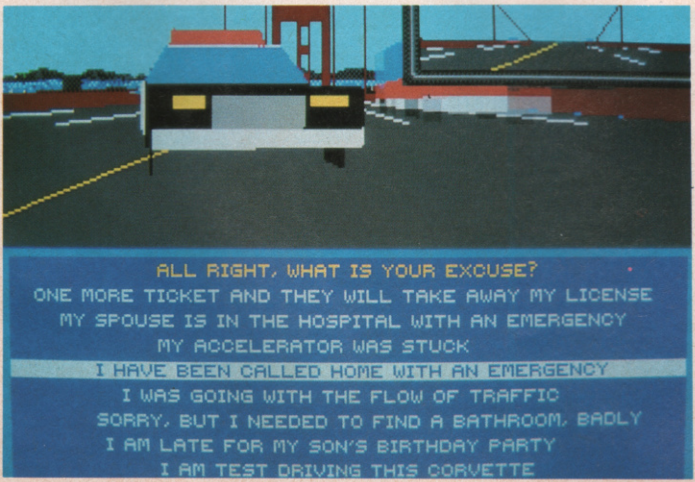
WHEN it comes to high performance sports cars, the Americans aren't exactly up there with the Germans and Italians, so it's quite understandable that when the Yanks finally produce a silver dream machine that gives Lambourghini, Porsche and Ferrari a run for their petrol, they like to blow their own trumpet for a bit.

Such is the case with the Chevrolet Corvette. So proud are the Yanks of their 200mph-plus baby, California-based Falcon producer Spectrum HoloByte has given it its own simulation, **Vette,** to be released here by Mirrorsoft.

Vette allows you to take America's pride and joy out for a spin on the Streets of San Fransisco – but there's more to it than just high-speed joyriding. There's a race to be won, against the fastest cars that Europe has to offer. Plus there's the everyday San Franciscan traffic and pedestrians to contend with – not to mention Karl Malden and the rest of the SFPD.

And if racing against puny Lambourshinis isn't enough of a challenge, there's a datalink option allowing two players to race Corvettes against each other. The PC version is almost complete, and supports just about every graphics and sound card you can think of.

Release is planned for late September, at a price of around £35. ST and Amiga conversions are currently underway, and it's hoped they'll hit the streets in time for Christmas.



ALL RIGHT, WHAT IS YOUR EXCUSE?
ONE MORE TICKET AND THEY WILL TAKE AWAY MY LICENSE
MY SPOUSE IS IN THE HOSPITAL WITH AN EMERGENCY
MY ACCELERATOR WAS STUCK
I HAVE BEEN CALLED HOME WITH AN EMERGENCY
I WAS GOING WITH THE FLOW OF TRAFFIC
SORRY, BUT I NEEDED TO FIND A BATHROOM, BADLY
I AM LATE FOR MY SON'S BIRTHDAY PARTY
I AM TEST DRIVING THIS CORVETTE

TOP TEN

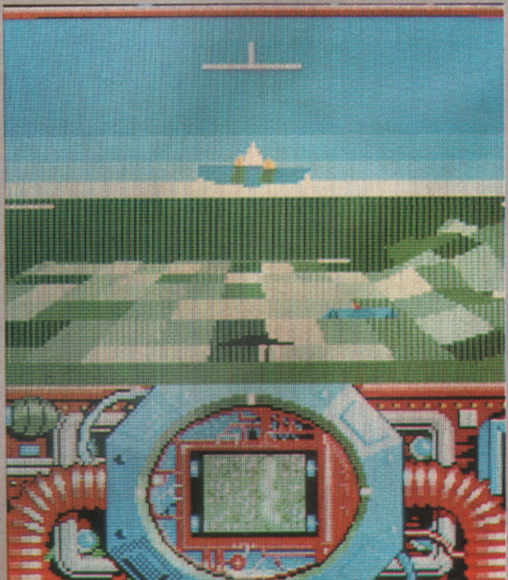
(Month Ending September '89)

AMIGA

1	NE	FEDERATION OF FREE	(Gremlin Graphics)
2	NE	SHOOT 'EM UP	(Palace)
3	NE	FALCON: THE MISSION DISKS VOLUME ONE	(Spectrum HoloByte
4	6	KICK OFF	(Anco)
5	3	GUNSHIP	(MicroProse)
6	NE	THE NEW ZEALAND	(Ocean)
7	9	TEST DRIVE II	(Accolade)
8	NE	POWERDROME	(Electronic Arts)
9	1	MILLENNUM 2.2	(Electric Dreams)
10	2	SILKWORM	(Virgin/Sales Curve)

Compiled exclusively for The One by SOFTWARE CIRCUS LTD. The Plaza on Oxford Street, 120 Oxford Street, LONDON W1N 9DP. Tel: 01 436 2811.

Gremlin's FOFT: **On Top. Numero Uno. The Man. Playmate Of The Month. The Big Noise. The Choice Cheese. The...**



NEWS

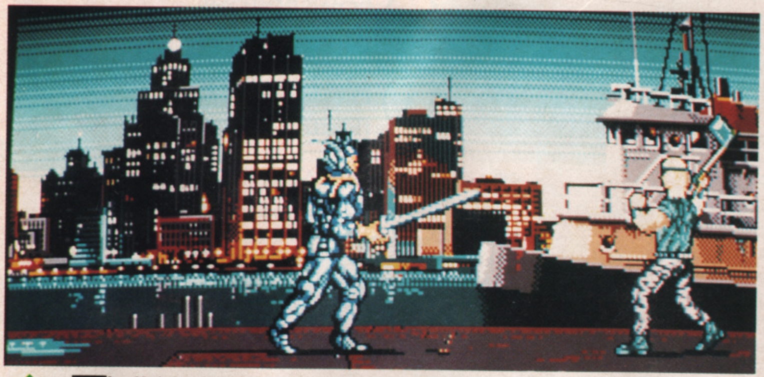
TITUS FEELS THE FORCE

Jason And The Argonauts revisted as Knightey comes to blows with a living skeleton.

TITUS makes its first foray into the beat 'em up genre next month with **Knight Force,** a swords 'n' sorcery combat game put together by the company's own 15-strong in-house programming team.

Knight Force casts you as The Knights Of Thunder, with a mission to rescue a Princess and slay the evil wizard who has kidnapped her. This involves slashing a way through five time zones spread over 125 screens, encountering all manner of enemies including gnomes, dinosaurs and skeletons along the way.

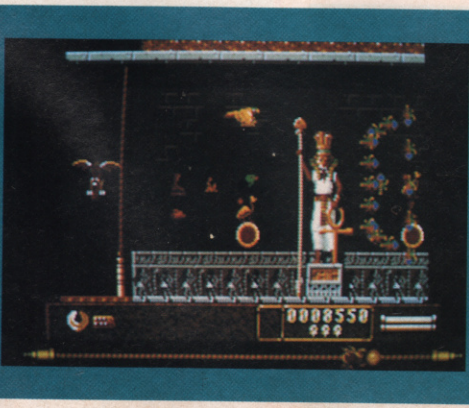
ST, Amiga and PC versions are nearing completion, in preparation for a simultaneous October release at a price of £24.99.



The Knight Of Thunder faces off with an axe-weilding punk in Titus' Knight Force.

PHAROAH 'NUFF

Based on an ancient Egyptian legend, Denton Designs' **Eye of Horus** is an arcade adventure with some novel puzzle elements. Released around now by Logotron, the ST and Amiga versions cost £24.99.



TOP TEN

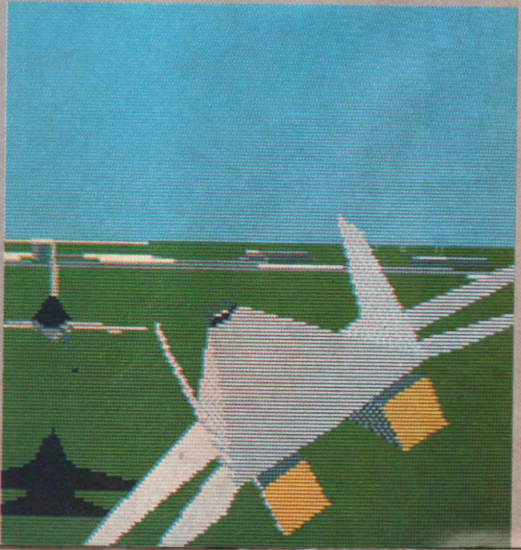
(Month Ending September '89)

ATARI ST

1	NE	FALCON: THE MISSION DISKS VOLUME ONE	(Spectrum HoloByte/ Mirrorsoft)
2	NE	SPACE QUEST III	(Sierra/Activision)
3	1	MILLENNIUM 2.2	(Electric Dreams)
4	NE	WATERLOO	(PSS)
5	2	KING'S QUEST TRIPLE PACK	(Sierra/Activision)
6	7	POPULOUS	(Electronic Arts)
7	6	KICK OFF	(Anco)
8	5	HONDA RVF	(MicroStyle)
9	NE	CHARIOTS OF WRATH	(Impressions)
10	10	DRAGON NINJA	(Imagine)

Compiled exclusively for The One by SOFTWARE CIRCUS LTD. The Plaza on Oxford Street, 120 Oxford Street, LONDON W1N 9DP. Tel: 01 436 2811.

The Mission Disks Volume One: following in the chart topping trail of Spectrum HoloByte's original Falcon.



ELECTRO
ELECTRONIC ARTS™

ELECTRONIC ARTS

FREE
FERRARI
STICKER
WHROOM!
ELECTRONIC ARTS
Marlboro
Agip
digital
27
MAGNETI MARELLI
WEBER
GOODYEAR
LONGINES
Ferrari

FERRARI FORMULA ONE
– the complete Grand Prix racing game.
"The game has gone a long way towards recreating the atmosphere of Grand Prix racing and as a result, it's undoubtedly the most realistic yet. In short Ferrari Formula One is a masterpiece of a program which no Amiga owner should be without"
The Games Machine.

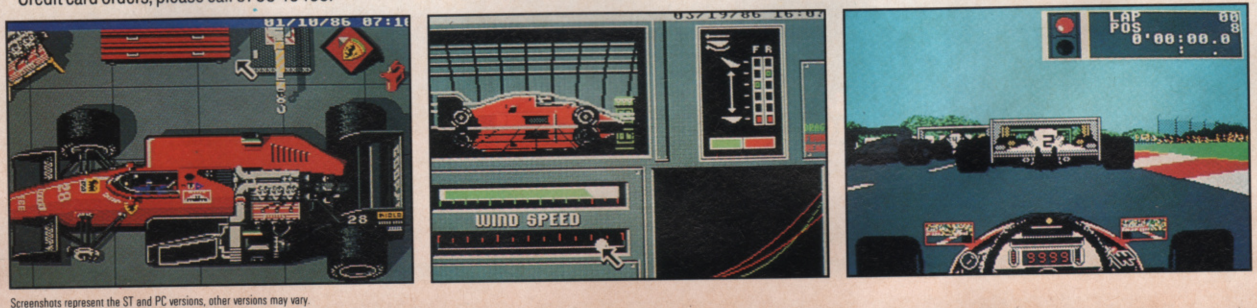
Now available on ST, Amiga (£24.99) and PC (£29.99 – 5.25 & 3.5).

Commodore 64, Spectrum and Amstrad cassette and disk versions to follow.

To order direct, send the correct money (prices include postage and packing) to
ELECTRONIC ARTS, DEPT FCS,
THE LANGLEY BUSINESS CENTRE,
11-49 STATION RD, LANGLEY, BERKS, SL3 8YN
Credit card orders, please call 0753 46465.

FORMULA ONE™
GRAND PRIX RACING SIMULATION

Ferrari®

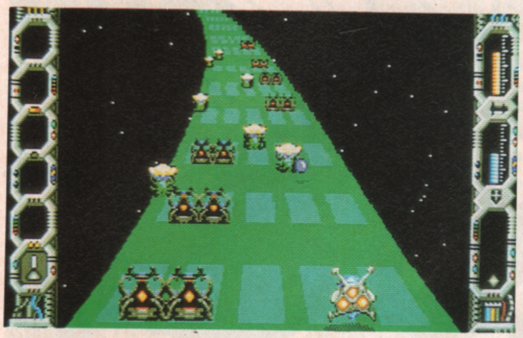

01/10/86 07:16
03/19/86 16:07
WIND SPEED
LAP
POS
0'00:00.0

Screenshots represent the ST and PC versions, other versions may vary.

ELECTRONIC ARTS™

NEWS: • Paradroid dressed up in steel! • Collection for second premiere!

HEWSON HITS TOP GEAR

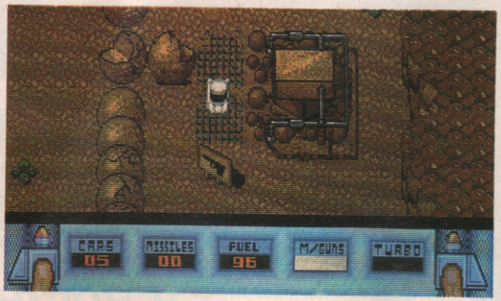


HEWSON'S proverbial pipeline is almost ready to burst with a bevvy of software planned for between now and Christmas. First up from the Abingdon Aces in September is **Slayer,** a horizontally scrolling shoot 'em up in the **Zynaps** mould programmed by Microwish, the team behind the 16-bit versions of Graftgold's classic.

Slayer promises all the usual features – upgradable weaponry, end-of-level guardians and three bonus levels exclusive to the 16-bit versions. In a slightly more original vein is **Steel,** set for an October release. In a storyline noticeably similar to Hewson's ageing 64 classic **Paradroid,** the player is cast as a robot commando with the task of wiping out an army of droids who have gone haywire aboard a space freighter.

November should see the release of the second of the **Premier Collection** compilations, aptly titled **Premier Collection 2.** Once again this features four previously-released titles – but this time around, only two of them are Hewson games – John Phillips' **Eliminator** and Nigel Brownjohn and Chris Hinsley's **Custodian.** The other pair are two of Novagen's finest hours – Paul Woakes' classic vector-graphic adventure **Mercenary** and his shoot 'em up **Backlash.** The asking price is £29.99.

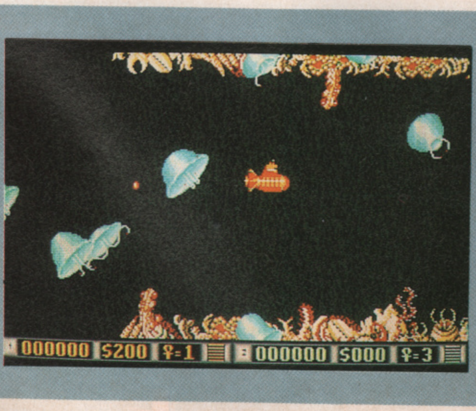
Also set for a November release is Brownjohn and Hinsley's scrolling shoot 'em up **Onslaught** (first mentioned in Issue Seven) and the flick-screen arcade adventure **Stormlord,** the latest creation from Mr **Cybernoid** himself, Raffaelle Cecco.



5th Gear – another Microwish effort, due for release in November.

BLOOD MONEY

The ST version of Psygnosis' Amiga hit shoot 'em up **Blood Money** is now available. Wayne Smithson of **Baal** fame has carried out the conversion, and has managed to squeeze the whole thing onto two disks without losing any of the original's features. The asking price is £24.95.



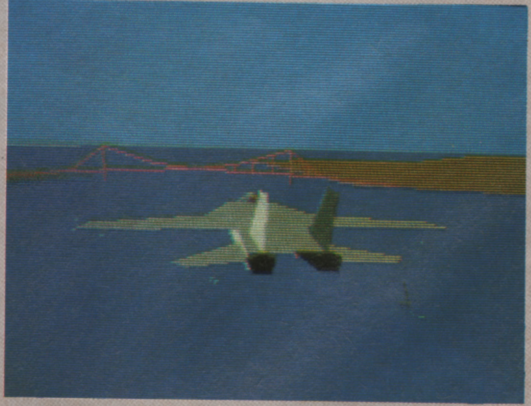
TOP TEN

(Month Ending September '89)

IBM PC AND COMPATIBLES

1	1	JET FIGHTER	(Velocity/Paperlogic)
2	RE	FLIGHT SIMULATOR III	(SubLogic)
3	6	LOMBARD RAC RALLY	(Mandarin)
4	7	OUTRUN	(Sega/US Gold)
5	NE	SOLID GOLD TRIPLE	(Infocom)
6	NE	WATERLOO	(PSS)
7	7	688 ATTACK SUB	(Electronic Arts)
8	4	F-16 COMBAT PILOT	(Digital Integration)
9	RE	F-19 STEALTH FIGHTER	(MicroProse)
10	RE	WHO FRAMED ROGER RABBIT	(Buena Vista)

Compiled exclusively for The One by SOFTWARE CIRCUS LTD. The Plaza on Oxford Street, 120 Oxford Street, LONDON W1N 9DP. Tel: 01 436 2811.



Still sitting pretty on the top spot: Velocity's Jet Fighter.

FIENDISH FREDDY'S
BIG TOP O' FUN
Coming
Thursday September 14th
MINDSCAPE INC

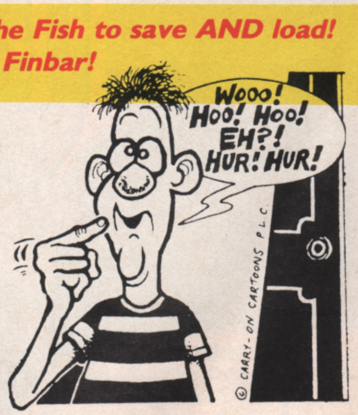
Available for Amiga, ST,
IBM and compatibles,
Commodore 64,
Amstrad and Spectrum.

Mindscape International Limited, PO Box 1019, Lewes, East Sussex BN8 4DW. Tel. (044 486) 545/547

NEWS:

- *Billy The Fish to save AND load!*
- *Floppy Finbar!*

VIRGIN GETS IT


Wooo! Hoo! Hoo! EH?! HUR! HUR!
© CARRY-ON CARTOONS P.L.C.

IT'S COMING out (Fnarr Fnarr!). After **bending over backwards** (Cwoar!) **Virgin** (Eh? Eh?) Mastertronic has **firmly grasped** (Fweep!) the rights to **come up with** (Fwur! Kwur!) a computer game based on the infamous 'adult comic' **Viz** – which is now reputed to sell over 900,000 copies every issue.

John Brown Publishing, the company **behind** (Fneep!) Viz, has confirmed that the licence has definitely been struck, and it's also been revealed that Probe Software **is to handle** (Fwoar!) the design and programming.

At the time of going to press, Probe is **reluctant to reveal** (Grunk!) as to what form the game will be in **when it comes out** (Huweep!), but it seems likely that the comic's risqué humour is going to have to be toned down somewhat. What does seem likely is that the game will be split into several sub-sections, each based around a **Viz** character.

One thing's for certain – the humour **is going to be hard** (Kwoar!) for Probe to capture, but **the Probe boys are hoping to get it all in** (Bleee!). When **you'll be able to get it** (Groinks Blurg!) **and play with it** (Wurble! Phnarr!) is still to be confirmed. It's likely to be released next year, but **Probe may be able to get it out sooner** (Ploik! Chelt!).

Meanwhile, Virgin Mastertronic has another comic character ready to make the trip from page to monitor screen – 2000AD's no-nonsense lawman **Judge Dredd.**

This won't be JD's computer debut – he made that a couple of years back in a lacklustre 8-bit platform game courtesy of Melbourne House – but hopefully the man with the badge will realise his potential this time around. When and how Joe Dredd will pound the beat of Mega City One is still very much up in the air – both Virgin and 2000AD are keeping things under their helmets for the moment.

D THERE'S ANOTHER BRILLIANT
E FROM THIS REMARKABLE YOUNG
MAN COME FISH' GOALKEEPER!

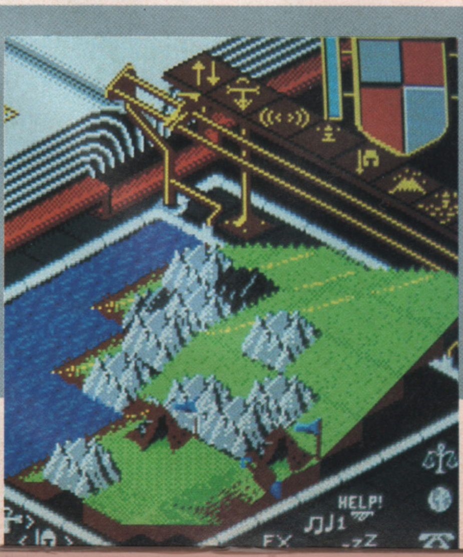
Fish-tastic piscine pixellation with the Fulchester Number One?

JD – coming soon to a monitor near you... how's your conscience?

Judge Dredd © Fleetway Publications/Viz characters © John Brown Publishing

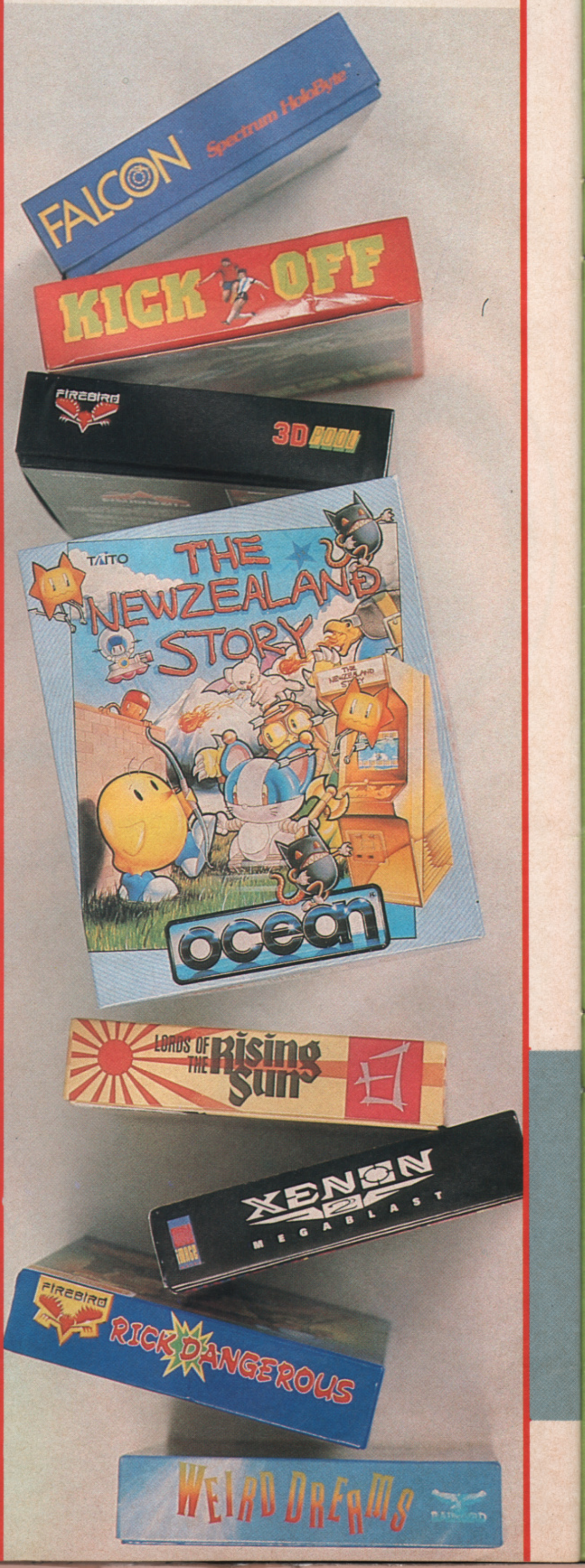
LET THERE BE PC

Refusing to rest on the seventh day, Bullfrog Productions has just completed the PC version of its superlartive **Populous** – after just eight weeks work! CGA, EGA, VGA, Hercules and Tandy are all supported, as are keyboard and joystick control modes for those not blessed with a mouse. A price is to be confirmed, but an end of October release is almost certain.

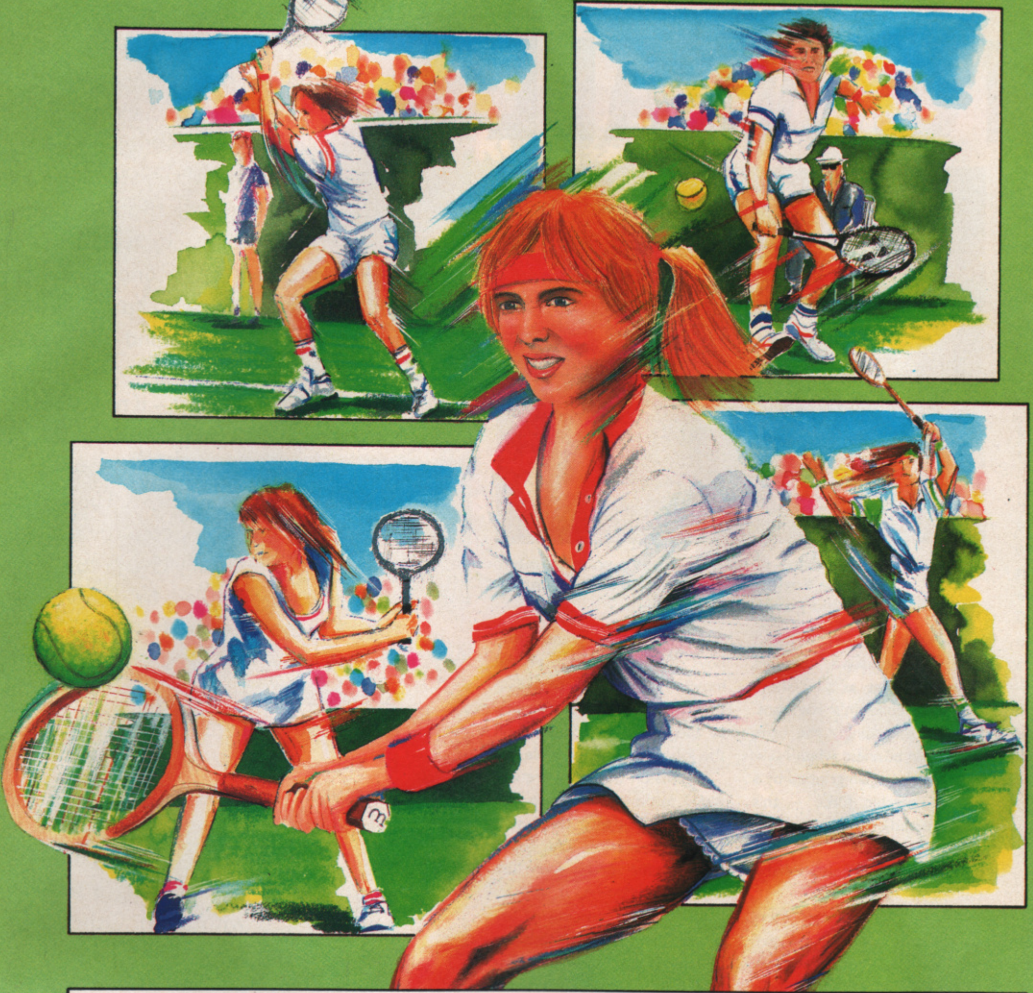


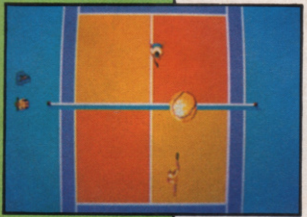
SHELF TALKERS

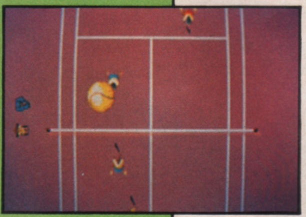
ESSENTIAL SOFTWARE OF THE LAST THREE MONTHS


FALCON
Spectrum HoloByte
KICK OFF
FIREBIRD
3D POOL
TAITO
THE NEWZEALAND STORY
ocean
LORDS OF THE Rising Sun
XENON 2 MEGABLAST
FIREBIRD
RICK DANGEROUS
WEIRD DREAMS

PASSING SHOT™







Anyone for tennis?

Not 'alf! Image Works serves up another ace with this conversion of the Sega® coin-op smash.

Featuring tennis-ational singles or doubles action on clay and grass courts from around the world, Passing Shot™ is the most accurate simulation of the noble sport to appear since the real thing!

Game, Set and Match to Image Works!

"It's rally volley good!"
Doris Decker

"I can't fault it!"
Ivor Lentil

Image Works, Irwin House, 118 Southwark Street, London SE1 0SW.
Tel: 01-928 1454.

SEGA®

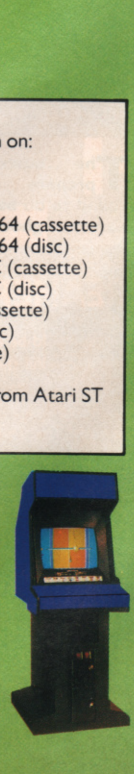
PASSING SHOT™ HAS BEEN MANUFACTURED UNDER LICENSE FROM SEGA® ENTERPRISES LTD., JAPAN, AND "PASSING SHOT"™ AND SEGA® ARE TRADEMARKS OF SEGA® ENTERPRISES LTD.
©1988 SEGA ENTERPRISES LTD. MANUFACTURED BY MIRRORSOFT LTD.

Available soon on:

- Amiga
- Atari ST
- Commodore 64 (cassette)
- Commodore 64 (disc)
- Amstrad CPC (cassette)
- Amstrad CPC (disc)
- Spectrum (cassette)
- Spectrum (disc)
- MSX (cassette)

Screenshots from Atari ST version

image works™



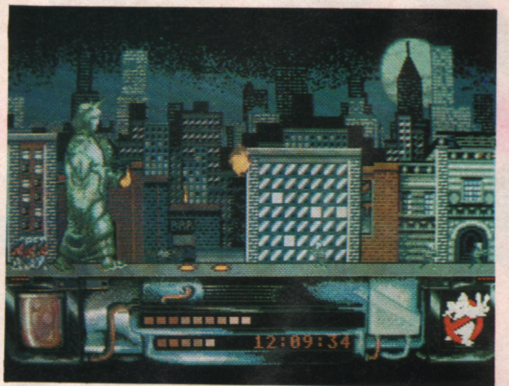
- *Foursfield ain't afraid of no ghosts!*
- *The 'busters are back!*

A RETURN CALL

THE SUPERSTARS of the supernatural are back to nuke the spooks, as Bill Murray, Dan Aykroyd and the gang return in the **Ghostbusters II.** Nothing much seems to have changed in this sequel: the original cast and crew are still there, there are more special effects than you can poke a positron ioniser at, and... Activision has once again secured the rights to produce the game.

David Crane's original **Ghostbusters** game appeared back in 1984 (the same year as the movie) and broke almost as many records in its field as the film itself, selling over 300,000 copies worldwide – a figure that today's software still finds hard to beat. And all this on 8-bit formats only!

The new movie is set in New York on New Year's Eve in the year 1999 – much has changed since the original film. The 'busters have gone bust, and now find themselves scraping separate livings as talk show hosts, and children's magicians. But not surprisingly the boys go back in business when New York is once again gripped by a strange psychic force – this time created by 'negative energy' brought about by the nastiness of the Big Apple's inhabitants.



The Statue of Liberty takes a walk through New York City in Foursfield's movie interpretation. Who you gonna call?

The 'busters prepare to go underground to do battle with an army of ghouls.

Naturally the Ghostbusters are the only ones who can save the day – and they do so with the aid of a cache of new Ghostbusting technology including back-mounted refrigerator guns.

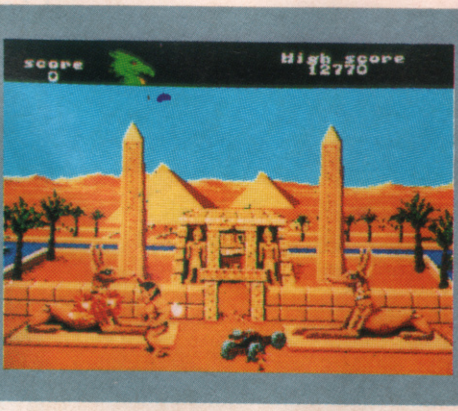
Currently developing the game is Foursfield, the team behind Activision's **ISS** and **Time Scanner.** Columbia Pictures has already granted the boys a sneak showing of the movie, as well as providing them with drafts of the scripts, so they could get cracking on the job as early as possible.

Details on the game are still vague, but it seems certain that it will be split into three sections or scenarios, each based on a specific section from the movie. In addition, it will be possible to switch control between the four Ghostbusters (essential, as only certain 'busters can carry out specific tasks).

The movie is already making money by the truckload in the States, and is due for release here on December 1st. Activision hopes the game will be released shortly thereafter.

A SCREAMER!

Atari-owning would-be dinosaurs and ogres can fulfill their fantasies with the ST version of Melbourne House/Arcadia's Amiga cult favourite **Aaargh!** There's been the odd aesthetic change here and there, but the stomping, munching and crunching gameplay remains the same. Out now at a price of £19.99.



SHORT STORIES

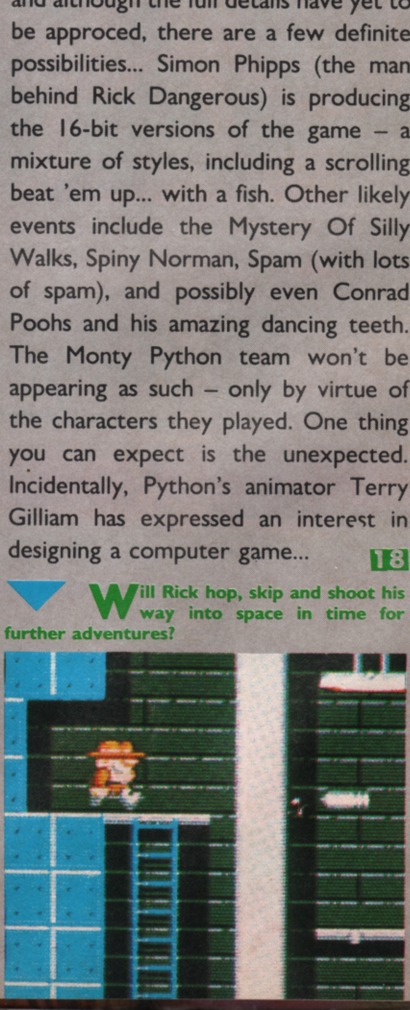
A brief guide to forthcoming releases, delayed projects and work in progress.

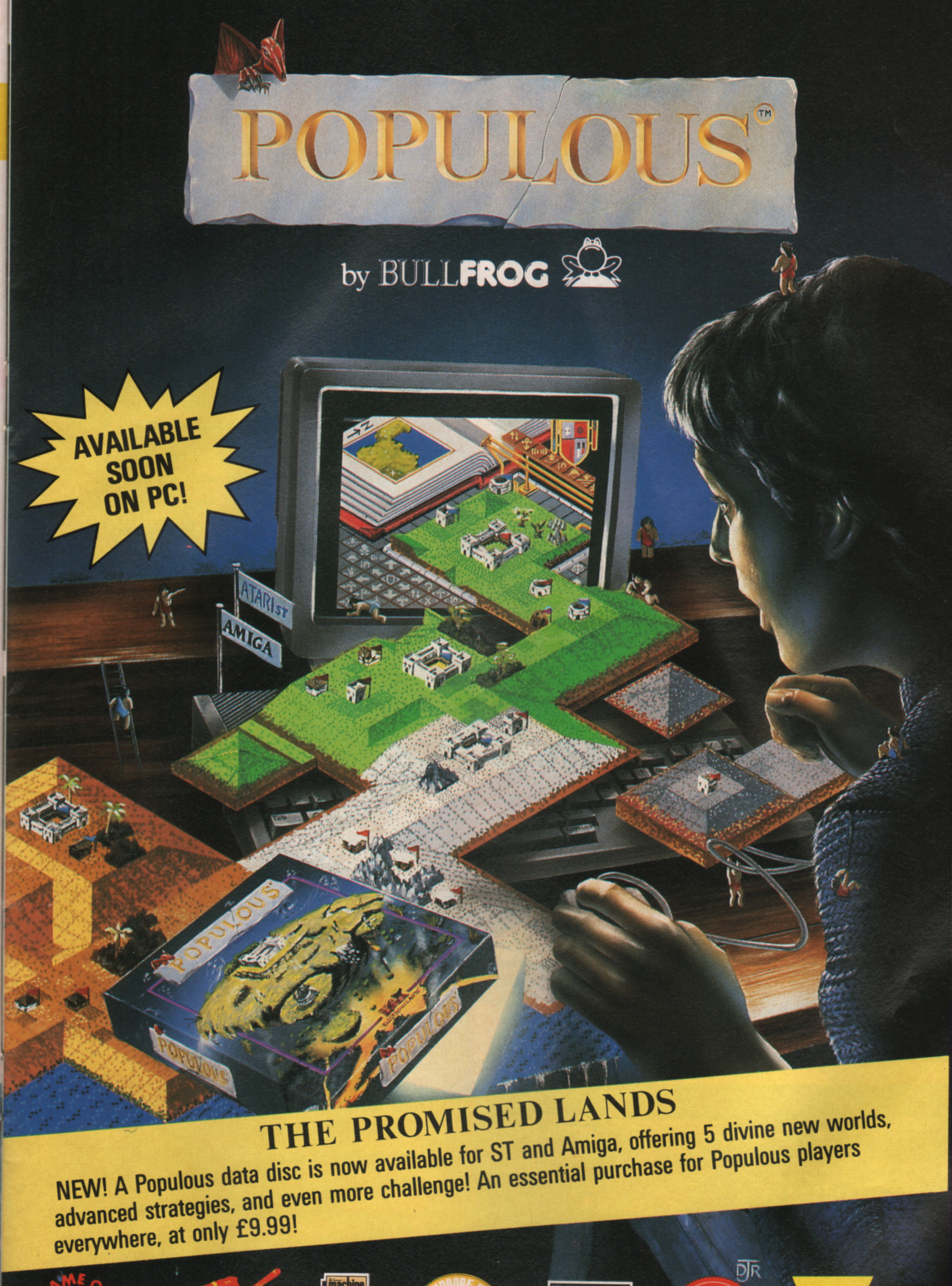
▶ Let the good times continue into tomorrow with the further adventures of intrepid explorer **Rick Dangerous**. Mr D's edge of the seat platform and ladders and puzzle thrills are taken to new lofty heights in **Rick Dangerous II**, as the second chapter in the story takes place in space. **Core Design**, the team behind the character, is promising a sequel every bit as playable as the original – if not more so by virtue of the experience acquired whilst producing the first.

▶ And speaking of Core... The task of producing the computer interpretations of **Monty Python** for **Virgin** is being handled by none other than **Core Design**. Core's Kevin Norburn says the boys are attempting to create "a very Gilliam-style game", and although the full details have yet to be approced, there are a few definite possibilities... Simon Phipps (the man behind Rick Dangerous) is producing the 16-bit versions of the game – a mixture of styles, including a scrolling beat 'em up... with a fish. Other likely events include the Mystery Of Silly Walks, Spiny Norman, Spam (with lots of spam), and possibly even Conrad Poohs and his amazing dancing teeth. The Monty Python team won't be appearing as such – only by virtue of the characters they played. One thing you can expect is the unexpected. Incidentally, Python's animator Terry Gilliam has expressed an interest in designing a computer game...

18 ▶

Will Rick hop, skip and shoot his way into space in time for further adventures?




POPULOUS™
by BULLFROG
AVAILABLE SOON ON PC!
ATARI ST
AMIGA
POPULOUS
DJR

THE PROMISED LANDS

NEW! A Populous data disc is now available for ST and Amiga, offering 5 divine new worlds, advanced strategies, and even more challenge! An essential purchase for Populous players everywhere, at only £9.99!

GAME OF THE MONTH C+VG

SIZZLER

machine TOP SCORE

COMMODORE USER SUPERSTAR

FORMAT GOLD

963 ACE RATED

95% THE One

ELECTRONIC ARTS®

To order, send £9.99 for "The Promised Lands" data disc (Original Populous required to play) or £24.99 for Populous to **ELECTRONIC ARTS, DEPT. PCS, 11-49 STATION ROAD, LANGLEY, BERKS SL3 8YN.** For credit card orders, please phone **(0753) 49442**

ELECTRONIC ARTS™

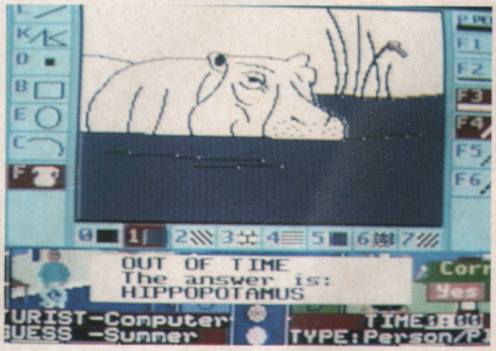
NEWS: Domark returns to yuppie market! Mastertronic catches something!

PICTURE THIS

AFTER **Trivial Pursuit,** Domark's second board game licence is due for release soon. **Pictionary** is best described as charades played with pencil and paper – a simple concept, but one that's already earned bundles for its creators, due to its phenomenal success on both sides of the Atlantic.

Domark's computer version mimics the board game, replacing the pencil and pad with a custom-built graphics utility which supposedly makes the process of doodling easier, with features such as automatic circles, ellipses and fill patterns. And if your doodling skills aren't up to scratch the computer takes on the role of 'Picturist', providing the sketches automatically.

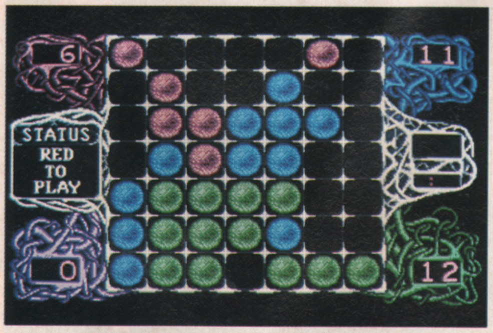
Pictionary should be released in October on ST, Amiga and PC, at a price of £24.99 apiece.



OUT OF TIME
The answer is:
HIPPOPOTAMUS
URIST-Computer
UESS -Sunner
TIME:
TYPE:Person/P

Can you tell what it is yet? Domark's Pictionary means you don't have to go to the expense of buying a pencil.

GERM WARFARE

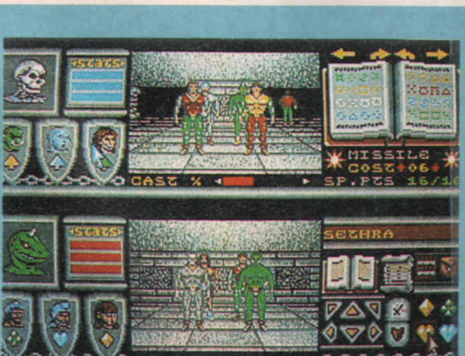


Watch out! This one could be catching...

OTHELLO meets **The Blob** in Mastertronic's **Infection,** a strategy board game that fits snugly in the 'a minute to learn, a lifetime to master' category. Up to four people can play, with the counters taking the form of 'live' multiplying bacteria cells. Binary Magic is the team behind the game, with Dave Whittaker supplying the soundtrack. A release date has been set for October, but a price is still to be decided.

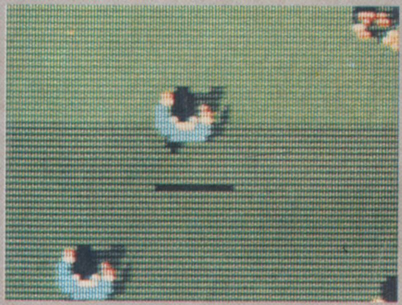
BLOOD-WHICH?

ImageWorks' **Bloodwych,** the two-player **Dungeon Master**-alike should be out and about by the time you read this. Priced at £24.99 on both Amiga and ST, it offers a wealth of original features over the FTL 'original', such as a wide variety of spells to cast.



▶ The exceptional aquatic arcade antics of **Broderbund's Typhoon Thompson** (ST version reviewed in Issue Eight) will be released on the Amiga after all. A price is yet to be announced, but **Domark** reckons it should have it out before October.

▶ Discerning **Kick Off**-ers drowning in their saliva of anticipation for the sequel, **Player Manager**, will soon be able to stem the flow with the recently announced **Kick Off Expansion Disk**. Anco's extra is one for the experts, as the level of play is set at International only. Five new teams are featured, each with its own star player, along with extra team formations, new referees, four new attributes for the players so they play differently, and, more innovatively, realistic injuries: bad tackles don't only result in a red card – they injure the player and affect his performance. A price and firm release date have yet to be announced, but expect to see something at this year's PC Show in September.



Kick off expands – but will this mean that anyone can beat the invincible Brennan?

▶ Each year **The Design Council** runs several award schemes in its endeavour to find and promote the best in British design. The judging for the **1990 British Design Awards** is currently under way – and **Bullfrog Productions' Populous** is 'in the running'. Only time and the judges will tell whether its wholly original design will see it through to the award-winning end, but rest assured we will inform you of the outcome, come what may.

Virgin Games
Gemini Wing
AMIGA
ATARI ST
AMSTRAD
SPECTRUM
COMMODORE 64

© TECMO 1988 · ℗ 1989 VIRGIN MASTERTRONIC LTD.
Produced by THE SALES CURVE LTD for VIRGIN MASTERTRONIC LTD.
Coding by IMAGITEC DESIGN

AVAILABLE ON
Atari ST £19.99
Amiga £19.99
C64 Cass £ 9.99
C64 Disk £14.99
Spectrum £ 9.99
Spectrum +3 £14.99
Amstrad Cass £ 9.99
Amstrad Disk £14.99

VIRGIN GAMES • 2-4 Vernon Yard · 119 Portobello Road · London W11 2DX

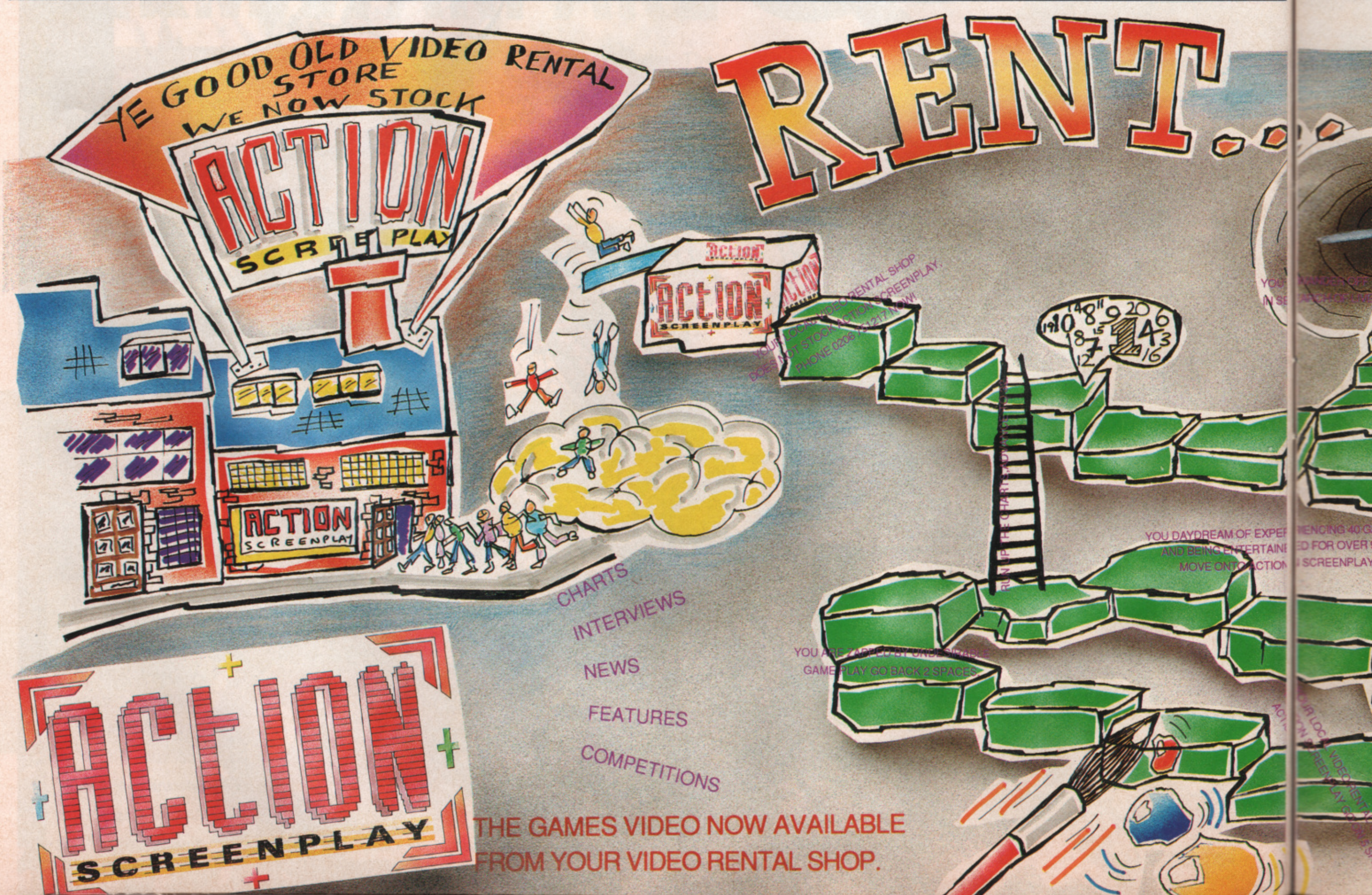
- Four Gods meet to decide the greatest!
- Winner goes from Wild West to Europe!
- Gag-tastic climax as A Reader
- Readers' champion seen off by

The country's four finest Populous players face off in a tournament from which there can be only one victor. Top Left monitor: Brian Burns. Bottom Left monitor: Carl Dwyer. Top Right monitor: Kenneth Little. Bottom Right monitor: Andrew Reader.

APOCALY

THE ATMOSPHERE was electric at the recent The One **Populous** play-offs held at Electronic Arts' luxurious Langley HQ. Hundreds entered the competition in Issue Eight, but only the country's four finest **Populous** players met in an epic showdown – a cataclysmic struggle for supremacy between genius minds honed to perfection in readiness for this gargantuan mental battle. There were tears, both of sadness and of joy, and scenes of tactical splendour, the like of which have not been seen since Wellington met Napoleon at Waterloo in 1815.

The event was conducted under the supervision of a panel of **Populous** Grand Masters, headed by the game's co-designer Pęter Molyneux. The contestants were: Brian Burns from East Lothian, Andrew Reader from Maidstone, Ken-



YE GOOD OLD VIDEO RENTAL STORE
WE NOW STOCK
ACTION SCREENPLAY
RENT...
ACTION SCREENPLAY
YOUR LOCAL VIDEO RENTAL SHOP DOES NOT STOCK ACTION SCREENPLAY, PHONE 0206 751217 NOW!
RUN UP THE CHARTS, ADVANC
YOU DAYDREAM OF EXPERIENCING 40 G
AND BEING ENTERTAINED FOR OVER
MOVE ONTO ACTION SCREENPLAY
YOU ARE ZAPPED BY UNDESIRABLE GAME PLAY GO BACK 2 SPACES.
CHARTS
INTERVIEWS
NEWS
FEATURES
COMPETITIONS
ACTION SCREENPLAY
THE GAMES VIDEO NOW AVAILABLE FROM YOUR VIDEO RENTAL SHOP.

A FUSION RETROBOOKS PUBLICATION

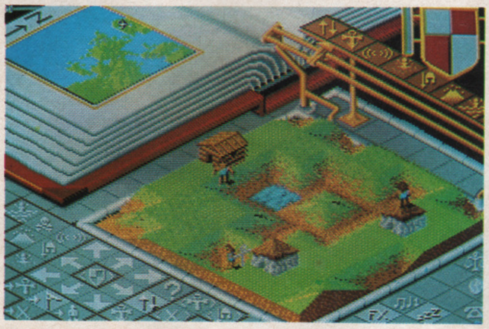
A Reader emerges victorious!
een off by expert!

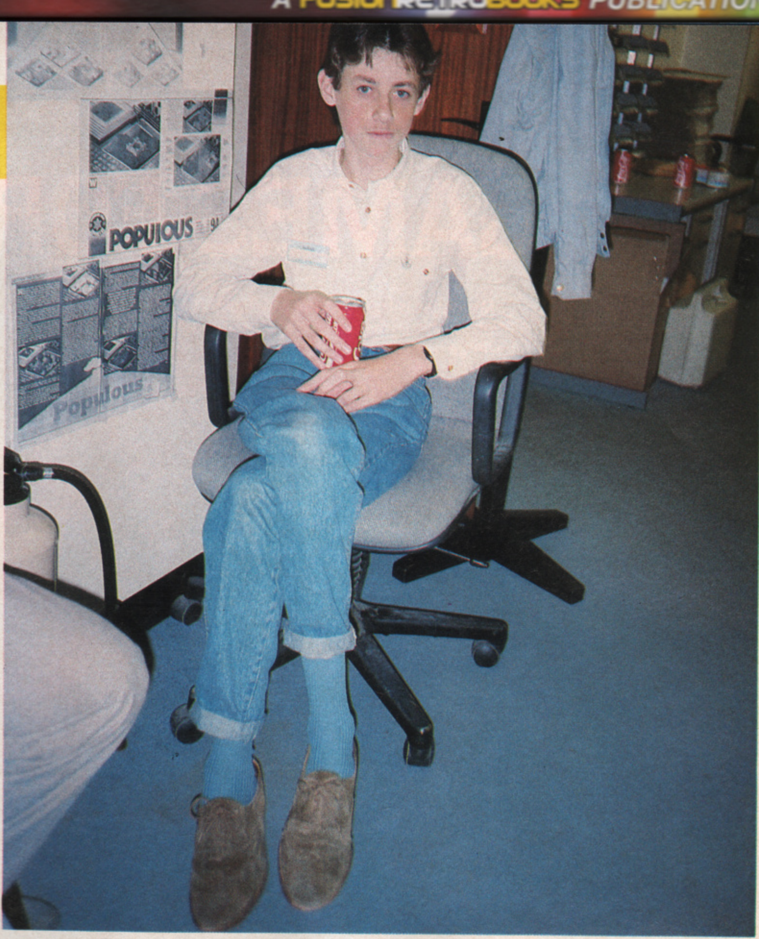
ALYPSE NOW

neth Little from Somerset and Carl Dwyer from London.

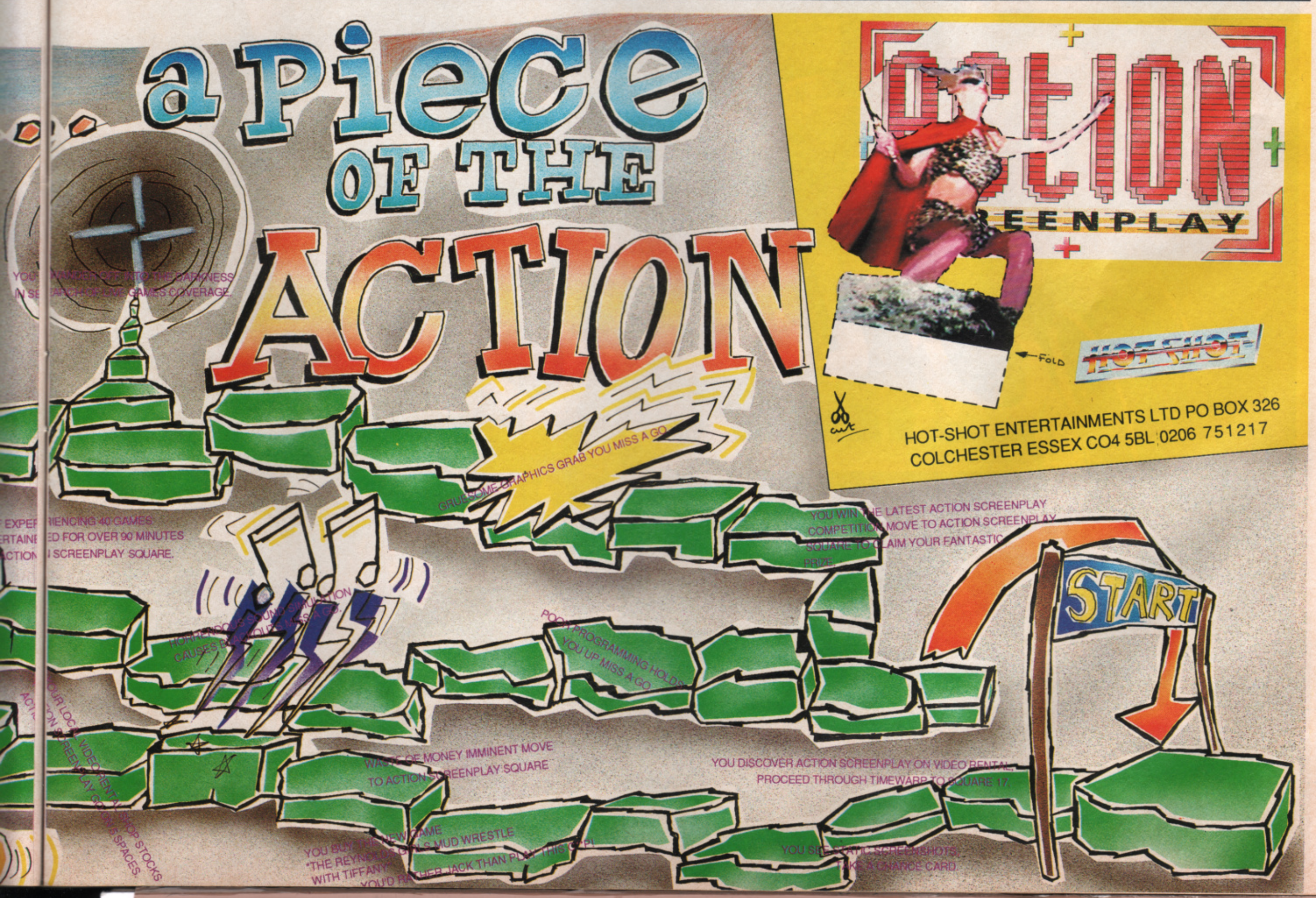
The tournament was organised on a 'round robin' basis, with everyone playing each other twice, and the player with the highest number of wins at the end emerged victorious. Bullfrog designed a special Wild West landscape from the **Promised Lands** for the competition, and at the end of the day the man with the plan was Andrew Reader, who then took on Grand Master Molyneux... and lost convincingly but gracefully.

But that's of no concern to people's champion Andrew – he now goes on to play in the World Final, against the winners of the other participating magazines' finals. And to cap it all, it's hoped that the final will be broadcast on Sky TV! So there's still plenty of time to order your dish and decoder box.




POPULOUS
Populous

And here's the UK's finest: the original A Reader... Andrew. He now goes on to take on Europe's finest later this year in the World Final, the winner of which earns the holiday of a lifetime.


a Piece
OF THE
ACTION
ACTION
SCREENPLAY
FOLD
cut
HOT-SHOT
HOT-SHOT ENTERTAINMENTS LTD PO BOX 326
COLCHESTER ESSEX CO4 5BL 0206 751217
START
YOU DISCOVER ACTION SCREENPLAY ON VIDEO RENTAL, PROCEED THROUGH TIMEWARP TO SQUARE 17.
YOU SEE STATIC SCREENSHOTS, TAKE A CHANCE CARD.
YOU WIN THE LATEST ACTION SCREENPLAY COMPETITION MOVE TO ACTION SCREENPLAY SQUARE TO CLAIM YOUR FANTASTIC PRIZE.
POOR PROGRAMMING HOLDS YOU UP MISS A GO
GRUESOME GRAPHICS GRAB YOU MISS A GO
HORRENDOUS SOUND SIMULATION CAUSES BLACKOUTS MISS A GO.
WASTE OF MONEY IMMINENT MOVE TO ACTION SCREENPLAY SQUARE
YOU BUY THE NEW GAME "THE REYNOLDS GIRLS MUD WRESTLE WITH TIFFANY" YOU'D RATHER JACK THAN PLAY THIS C**P!
OUR LOCAL VIDEORENTAL SHOP STOCKS ACTION SCREENPLAY GO ON 5 SPACES.
EXPERIENCING 40 GAMES ERTAINED FOR OVER 90 MINUTES ACTION SCREENPLAY SQUARE.
YOU WANDER OFF INTO THE DARKNESS IN SEARCH OF LIVE GAMES COVERAGE.

A FUSION RETRO BOOKS PUBLICATION

GAMES FOR ADULTS

Microstyle is the new software label. The new option for those who demand fun, excitement and challenge from life.

Each game is specifically written for the ST and Amiga, making full use of the capabilities of these machines. So they produce stunning graphics and superb gameplay

A detailed motorbike racing simulation, Honda R.V.F., is the first Microstyle title available from all good software stores.

HONDA
MicrO Style

MicroProse Software, Unit 1, Hampton Road Industrial Estate, Tetbury, Glos. GL8 8LD. Tel: (0666) 54326.

RAINBOW WARRIOR

RAINBOW WARRIORS

The worlds first environment friendly software!

At last, an all action game that presents a solution to the environmental dilemma faced by the entire human race. Rainbow Warriors is an action game with real depth and meaning. It simulates seven campaigns of Greenpeace members over the last few years.

RAINBOW WARRIORS
GREENPEACE

SWEET RAIN PURE RIVERS CLEAN SEAS
GREENPEACE

WASTE DUMPING AT SEA

MicroStyle

GAMES FOR ADULTS

UNIT 1, HAMPTON ROAD INDUSTRIAL ESTATE, TETBURY, GLOS. TEL: 0666 504326/504412.

WORK IN PROGRESS

The team behind Populous, widely acclaimed as the best 16-bit game to date is understandably currently considered to be hot property. But it takes more than claims of "the best is yet to come" to impress an incredulous Gary Whitta.

▶ **BULL Frog by Leonardo – the ceramic source of inspiration for the team's name.**

▶ **PETER Molyneux – Bullfrog's co-founder and programmer of** Populous **is soon to start work on what he reckons is going to be "the biggest thing ever". Just what this is he refuses to say.**

▶ **LES Edgar handles all of Bullfrog's administrative work, and also contributes ideas to the games – many of which are to be found in** Populous.

▶ **GLENN Corpes not only designed the graphics for both** Fusion **and** Populous, **he also contributed heavily to the game design and programmed the ST versions. What a guy...**

▶ **WITH programming and design work on** Fusion **and** Populous **under his belt, Kevin Donkin's currently putting** Project F **together with Shaun Cooper.**

IN between subjecting himself to apoplectic seizure-inducing Thrash Metal music, Andy Jones is putting together the graphics for Project F.

▶ **DAVE Hanlon – the professional musician who creates Bullfrog's distinctive sounds.**

▶ **SHAUN Cooper – from YTS scheme to Bullfrog game and graphic designer in less than a year.**

Five years ago, Peter Molyneux worked as a Systems Analyst for a company producing accountancy software before his life was changed by a chance meeting with the man from next door. Molyneux and Les Edgar (for it was he) then decided to set up a business together producing professional (business) software for the Amiga: "Both Les and I are Taureans and so we decided to call ourselves Taurus Software," says Peter.

The company of two became a crowd of three with the addition of programmer Kevin Donkin and two years later the first product came off the line... a Database called **Acquisition**, which was followed by a Computer Aided Design package, **X-CAD**. However, all this serious stuff was beginning to prove a little tiresome for the trio, who decided to follow Commodore's lead and moved more towards the entertainment side of the industry.

As Peter puts it: "we were getting a bit bored of professional software. We all had Commodore 64s and were playing things like **Bounty Bob Strikes Back, Dropzone, MULE,** and **Paradroid** – is the best game of all time."

So the boys leaped into action and set up Bullfrog with the idea of creating leisure/entertainment software: "We took the name from a ceramic ornament we had around the office."

ENLIGHTENMENT

However, despite the team's enthusiasm for games, its first release was a drum machine/sequencer called **A-Drum**. It wasn't until late 1987 that Bullfrog approached Firebird with a proposition to convert **Enlightenment: Druid II** to the ST and Amiga.

"We know Andrew Bailey, the programmer of the original 8-bit versions," says Peter, "but we wanted to produce the game from scratch, and so we converted **Enlightenment** without using any of the original's source code – we just played the 64 version for reference."

Converting **Enlightenment** provided invaluable experience for Peter and Kevin in techniques such as sprite handling – which they had never tackled before. But the graphics presented an even greater problem. Bullfrog desperately needed an artist to carry out the work on **Enlightenment**, and their prayers were answered by the arrival of Glenn Corpes, an ex-operator of Cray supercomputers.

"Glenn came along wanting a programmer's job when we desperately needed an artist," explains Molyneux. "I asked what he was interested in and he said 'drawing'. So I asked him to draw something for us – a brick and a tree I think it was – and he drew on computer this amazing brick and tree."

If anything, Glenn was more surprised by the quality of his doodling session than Peter was: "I used to doodle, and draw cartoons, but I had a very violent art teacher at school and so I stopped taking art when I was 13. I never had much experience with computer graphics either. I used to play around with art packages on my Amstrad 6128, and later **Neochrome** on my ST, but nothing serious." And so Glenn was recruited as chief graphics artist, and went on to produce all the sprites and backdrops for **Englightenment**.

FUSION

With **Enlightenment** out of the way, the team started work on **Fusion**. "We wanted to produce a shoot 'em with a bit more to it – plus something to which we could apply what we learned from working on **Enlightenment**," Glenn explains. "We took inspiration from Paul Shirley's **Spindizzy**, which was my favourite game on the Amstrad. In **Spindizzy** you had to run over switches to change part of the level near you by opening a secret door or something, so you could get to a different place. I thought that was a brilliant idea, so we incorporated it in **Fusion**."

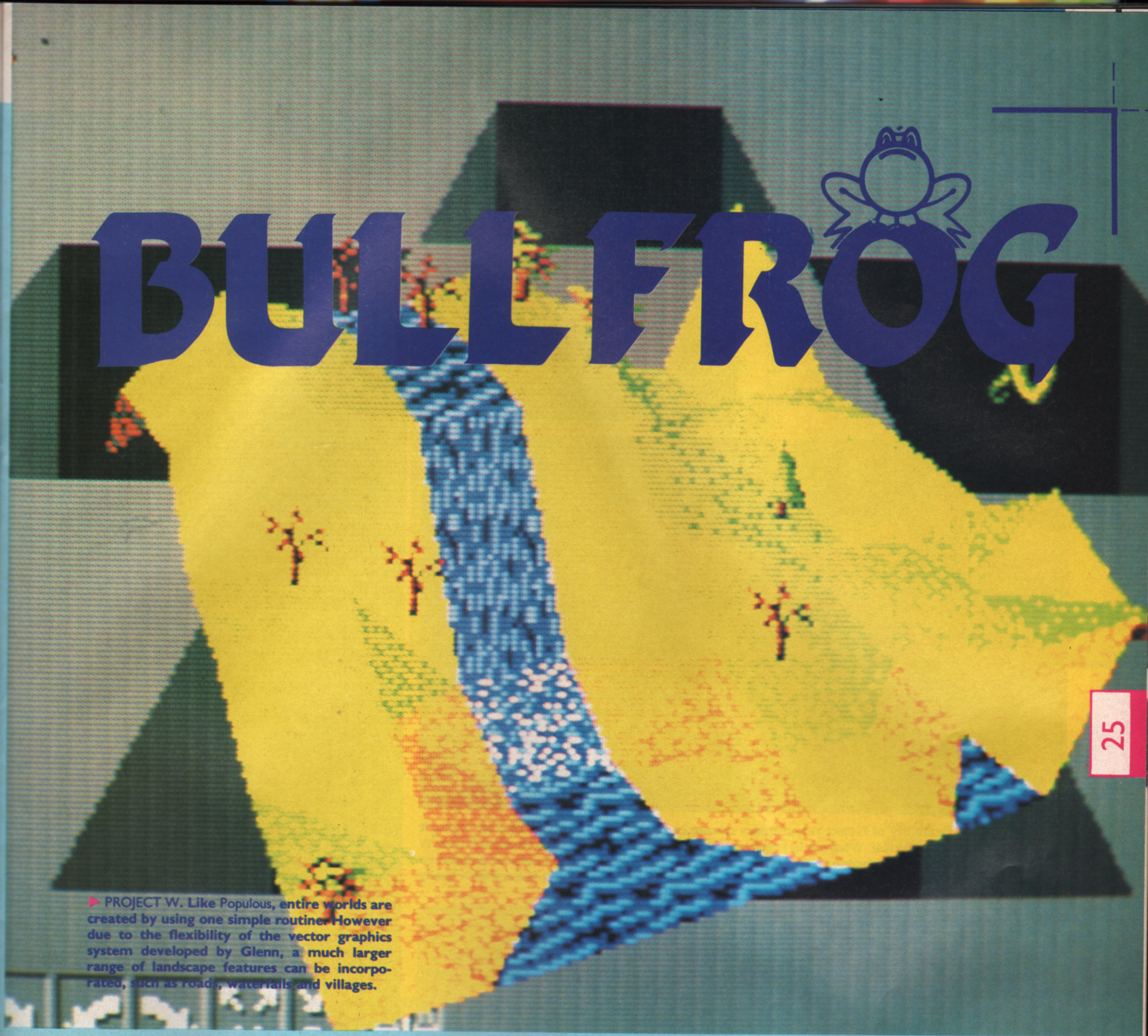
So work began in earnest on **Fusion**, with Glenn designing the graphics and Kevin writing the game code. Five months later an almost complete version was shown to Electronic Arts. "We chose to approach Electronic Arts because we saw that they weren't into conversions or licences," explains Peter. "With the exception of **Marble Madness**, all of Electronic Arts games are original concepts – and that's exactly the type of game that we want to produce."

REDEMPTION

By the time **Fusion** was finished, Glenn – who had designed and drawn all the graphics for the game – was itching to program. After all, it was the reason he approached Bullfrog in the first place.

"I brought my own ST into work and started playing around with an isometric routine called **Creation**," says Glenn. It was a simple but effective

BULLFROG



► PROJECT W. Like Populous, entire worlds are created by using one simple routine. However due to the flexibility of the vector graphics system developed by Glenn, a much larger range of landscape features can be incorporated, such as roads, waterfalls and villages.

idea allowing landscapes to be built and modified using an assortment of blocks. Glenn showed the routine to Peter who, realising the routine had enough potential to base some kind of game on, set up a replica of the system using Lego. "Lego was the only way we could try out the routine apart from on the computer screen – there's just no way you could make it work on paper," says Peter.

When **Creation** was mapped out on Lego, ideas for gameplay began to form. "We knew the game would revolve somehow around modifying the landscape – the initial idea we had was to survive against the elements," Peter reveals. "The way our first system worked was, as you put down land and modified the terrain, the water level would rise automatically, so after a while villages and people on lower levels would be flooded out."

That idea was dropped, however, as new and better ones were suggested, until eventually the idea was hit upon to use the landscape as a battle ground for a war between two tribes, with the player changing the landscape to affect the course of the battle – and **Populous** was born. From that moment on, ideas began to surge forward – the first of which was to modify the routine to allow two-players to play head to head. "**Populous** was always a two-player game," says Kevin. "The player versus computer option wasn't added until much later."

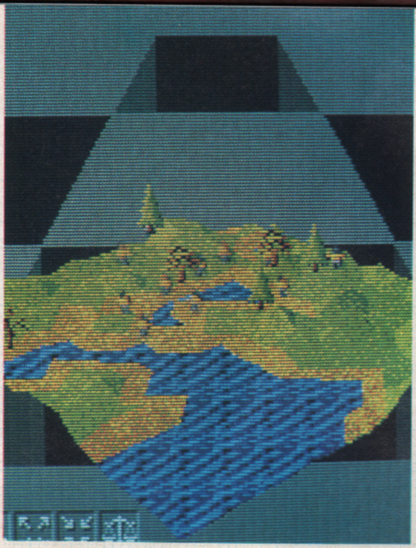
It was at this point that 'Divine Intervention' gameplay elements began to evolve. "Knights were one of the first things we put in, and were included solely to finish the game. A game could get to the point where both players had massive populations, and there was just no way to win," explains Pete, "so you would create a Knight to go and massacre the other side and end the game at a stroke."

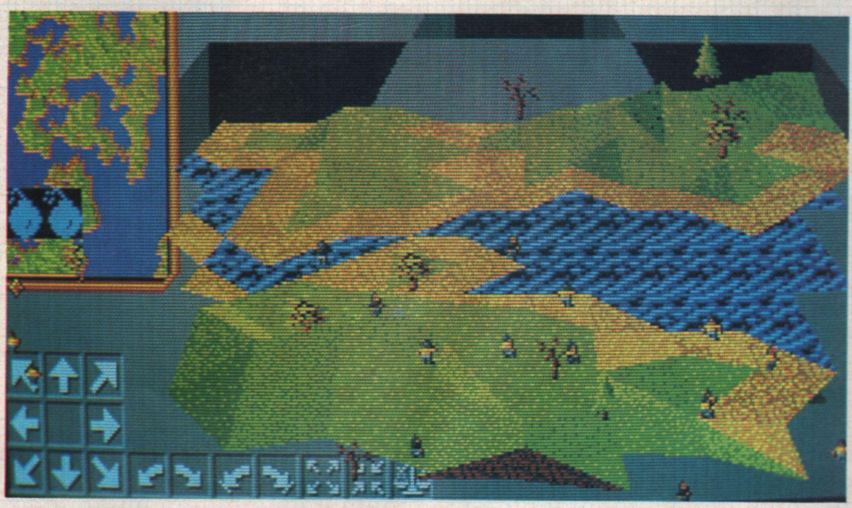
"We had so many ideas for things that you could do as a God that there was no way you could implement them all, so we just picked the best ones." Pete reveals. "One idea we had to discard was disease. What happened was one player infected one of the other player's walkers with a plague, and that walker would then spread the plague among the rest of his population. But when we put it into practice we realised that the plague would then spread to your people too, and so have a detrimental effect."

PROJECT W

Populous is undoubtedly the game that really catapulted Bullfrog to fame – it's arguably earned more recognition for the team than **Xenon** did for the Bitmap Brothers or **Uridium** did for Andrew Braybrook. But how on Earth does Bullfrog intend to follow what is widely recognised as the most successful 16-bit game to date? The answer comes in the form of the two games that the team is currently working on – one of which was first

Project W's landscapes are calculated by the program rather than having to be stored in memory – a feature pioneered by Geoff Crammond in The Sentinel. **This leaves a lot more memory and disk space to devote to game logic, allowing for more features and complexity of game design. One routine that's already working in what Bullfrog refers to as 'Ranking'. As opposed to** Populous, **where the people wandered about on their own, the inhabitants of** Project W**'s world travel in groups – each of the six tribes has its own distinctive formation.**





The flexibility of Project W**'s graphics system can only be truly appreciated by trying it out for yourself. Whereas in** Populous **your view of the game world is fixed, in** Project W **the player can rotate the landscape through 360 degrees, as well as zoom in and out – so you can go out far enough to see the entire world, or in close enough to see the leaves on the trees! It really does have to be seen to be believed.**

GRAPHICS

Like the company's games, all of Bullfrog's graphics are very much a team effort. Although they're produced by only three people – Glenn Corpes, Andy Jones and Shaun Cooper, everybody contributes. Peter Molyneux can't draw for toffee, but that doesn't stop him giving artists Glenn, Andy and Shaun ideas to put into practice.

Bullfrog is particularly proud of the way in which graphics and game design are interdependent elements in all its games, rather than the graphics being just a fancy frill. As Glenn puts it: In "**Populous**, the graphics' geometric shape defined a hell of a lot about the way in which the game worked. It's really helpful to be involved with both the graphics and the programming." Programmer and artist Shaun Cooper agrees: "Something I've noticed lately during the development of **Project F**, is that if Andy (Jones) comes up with an idea for a certain graphic or type of graphic, the whole game begins to revolve around those new graphics. **Project F**'s gameplay has gone through a lot of changes due to the inclusion of new graphical ideas."

It's partly Glenn's recent move out of graphics and into programming and design that has led to much of the recent graphics work falling to Bullfrog's other resident artist, Andy Jones. Andy joined Taurus on a YTS scheme to test products such as **Acquisition**, and went on to convert **Fusion**'s graphics to the ST, before designing many of the sprites for **Populous**.

Since Andy learned much of what he knows from Glenn, both artist's techniques are very similar – they never sketch their graphics on paper first, preferring to go straight to computer with their ideas. "The reason for this," Andy explains, "is because what you sketch out on paper and what you eventually draw on computer will often look completely different."

The use of colour also plays a big part in the overall effect of Bullfrog's graphics. "Colour is very important. The original Amiga version of **Fusion** runs in Halfbrite mode, with 64 colours on screen at a time, which enabled me to produce proper shadows, and that contributed greatly to the overall effect."

Glenn, Andy and Shaun design their graphics on **Deluxe Paint II** and **III**, and to a lesser extent, Rainbird's **Advanced OCP Studio** on the ST. The latter package includes a map editor which proved invaluable for Glenn when he was designing the levels for **Fusion**.

According to the trio's experience, graphics can be a very hit-and-miss business. Says Glenn: "You can never tell how long a certain graphic is going to take. For example, my original graphics for the **Populous** landscapes that you see in the finished game were only a couple of days work, whereas the people – like the Walkers and Knights – took a couple of weeks on their own."

mentioned in Issue Seven – but the names have now been changed to protect the innocent.

"We first got the idea for **Project W** at around the time that **Populous** was completed," Glenn explains. "It was inspired by **Populous**, but it's altogether a different game." Like **Populous**, the idea for **Project W** was hit upon accidentally by Glenn: "I just want to have a go at vector graphics. I'd seen other vector-based games, and thought that it looked incredibly difficult, so I wanted to see how long it would take to put something like that together – and then see how fast it would run."

With the mention of the term vector graphics, you'd be forgiven for thinking that Bullfrog was developing a simulation of some kind – but instead the vector routine that **Project W** employs is used to generate landscapes, in a similar way to David Braben's **Zarch** and **Virus**. "Like **Populous**, we want to base **Project W** on a world, because we think that that idea is far more exploitable from another angle," explains Peter, who is co-programming the game with Glenn. "At the moment it looks a little similar to **Populous**, but is in fact very different. The only similarity between the two games is that you're looking down on a landscape."

While **Project W**'s graphics are already looking polished, the game design has yet to be finalised. It's known that the game will allow up to six people to play head to head (either via serial or modem link), with each player in command of a tribe of people, but that's about it – or at least that's all that Peter and Glenn are willing to reveal at the moment.

Project W's revolutionary landscaping system has already attracted attention from outside the software industry – so much so that it's shortly to be seen on a TV special about worlds inside computers. "The BBC is doing an episode of **The Late Show** called Virtual Worlds, about the conceptual idea of holding a virtual world inside a computer," Peter explains. "They contacted Electronic Arts and were shown **Populous** to demonstrate the idea of a virtual world. They were very impressed by what they saw, and when I told them about **Project W**, and that we were taking the idea of virtual worlds even further than with **Populous** they asked us to show it to them."

"I think what impressed them," says Kevin, "was that they had been told that to run something like **Populous** or **Project W** where you have real-world aspects you needed a 20Mb mainframe or a multi-million pound Cray – and then we came along and did it on a half-megabyte home computer."

During the five minute interview with Bullfrog – which eventually ran to one and a half hours – Auntie Beeb filmed a short clip of **Project W** in action, so if you're interested, tune in in September when the programme goes on air – it could be your only chance to see it before the game is released next February!

PROJECT F

Project W looks like being Bullfrog's most ambitious project to date, but **Project F**, also currently under development, is a completely different kettle of fish. It's being put together by Kevin, along with Shaun Cooper, who joined Bullfrog as part of a YTS scheme last August, was taught to program by Peter in a few months and went on to design many of the graphics for **Populous** (the volcanic level was entirely his creation).

Project F is a return to the **Fusion**-style action genre, and like Bullfrog's last arcade effort, there are plenty of puzzle elements built in too... "**Project F** is meant to be much more immediately playable than anything we've done before," claims Peter.

Project F's gameplay is based entirely around the concept of water – the scenario traps you in an eight-way scrolling maze-like world that is slowly but surely being flooded. Your job is to collect the objects and complete the tasks that allow you to escape, and then get out before you drown – and of course there's an assortment of aliens out to stop you. "We're quite proud of the water aspect," says Peter. "It's something that we don't think has ever been done before."

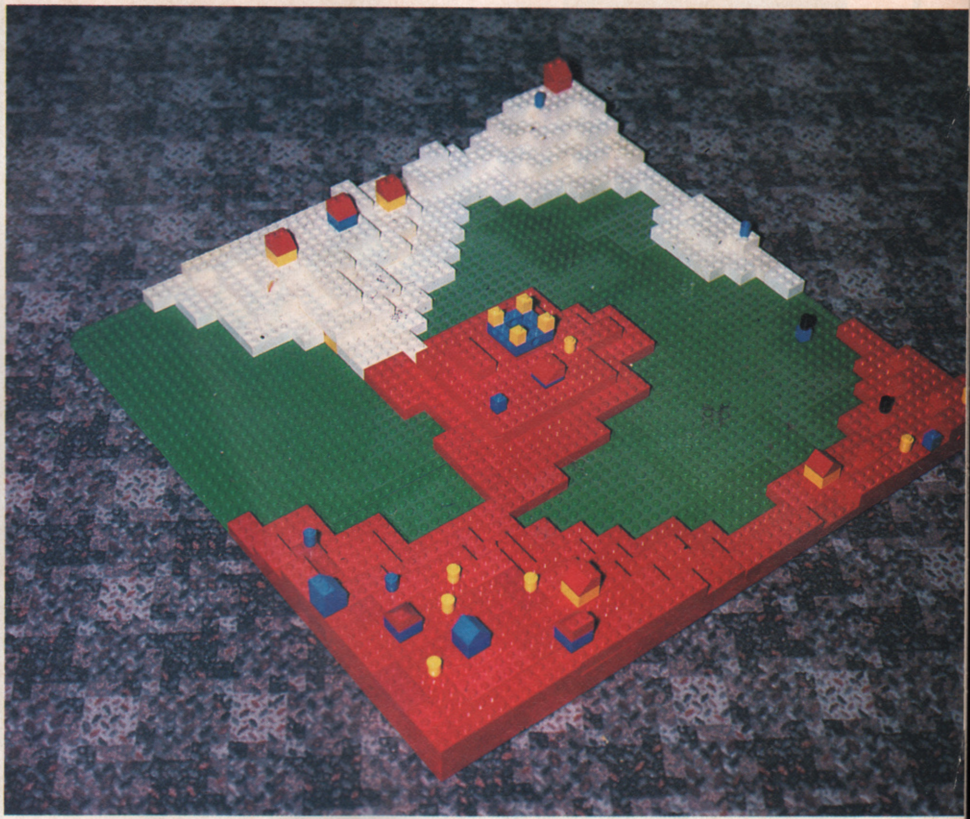
As testimony to Bullfrog's attention to detail and realism in its games, everything in **Project F** behaves as it would do in real life – especially the water, as Kevin is quick to point out: "The water actually rises properly. It's not just a case of it coming up line by line – it overflows realistically, like from the lip of a glass."

With **Projects W** and **F**, Bullfrog looks set to prove that it's no two-game wonder – but this is only the start of the story. Work is soon to begin on **Populous II**, which Bullfrog is confident will be a significant improvement over the original. "It's not going to be just **Populous** with a two stuck on the end," promises Peter. "We won't be using any of the routines from the original. Obviously we can't change the original concept too much, but we will be approaching the new game from a completely different angle with a totally different graphics engine."

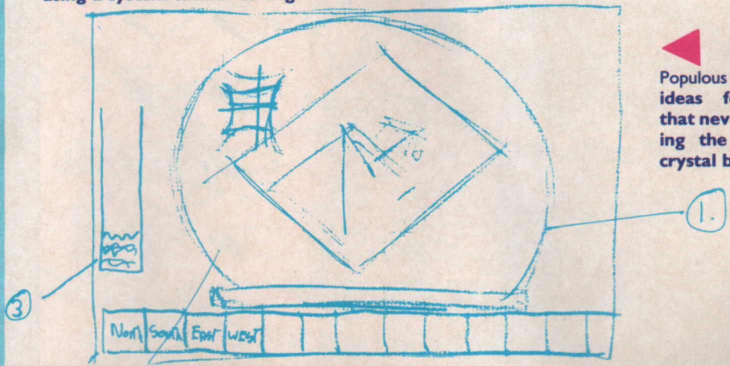
PROJECT X

And then there's a project which Bullfrog refuses to discuss beyond name – the working title is Project X, and all Peter, who has produced the original specification for the game, will say is: "Believe me – I can't say anything about it, but **Project X** is going to be... frighteningly good."

At the moment **Project X** is coming together on paper, and programming work should begin within the next couple of months. But don't expect anything for some time – **Project X** isn't due to be completed until the Summer of 1991!



Bullfrog's Lego model of Populous still stands in the company's office as a memorial to the game's development. Incidentally, plans are afoot for a board-game version using a system similar to Lego...



A very early sketch of Populous shows one of the ideas for presentation that never made it – placing the world inside a crystal ball.

GAME DESIGN

There's a whole world of difference between the styles of gameplay found in **Fusion** and **Populous**, and the diversity between **Projects W** and **F** promises to be even greater. It seems that Bullfrog doesn't want to produce any one kind of game, but does the team have a criteria for the type of product it produces? "We always look for originality and playability in our games," Peter reveals. "Lasting appeal is also an important factor. I personally believe in the 'pound-an-hour' theory. That is, if you spend £25 on a game, you're entitled to get 25 hours of solid enjoyment out of it. In short, we want to write the sort of game that we want to play."

"Although all our games are original, we don't want them all to be strategy-type affairs like **Populous** – we're aiming to produce a variety. That's why we're doing **Project F**, which is more in the classic arcade mould."

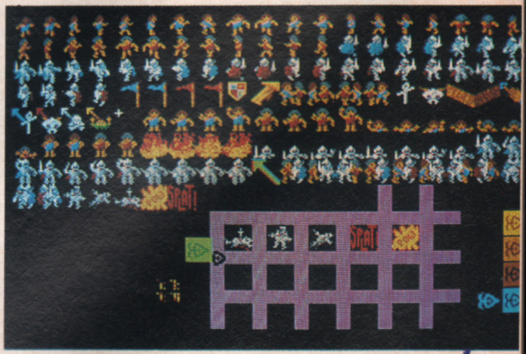
"By originality, we don't necessarily mean a revolutionary new games concept – you can take a tried and tested style of game and approach it from a new angle. That's why I liked **Kick Off** and thought that was original."

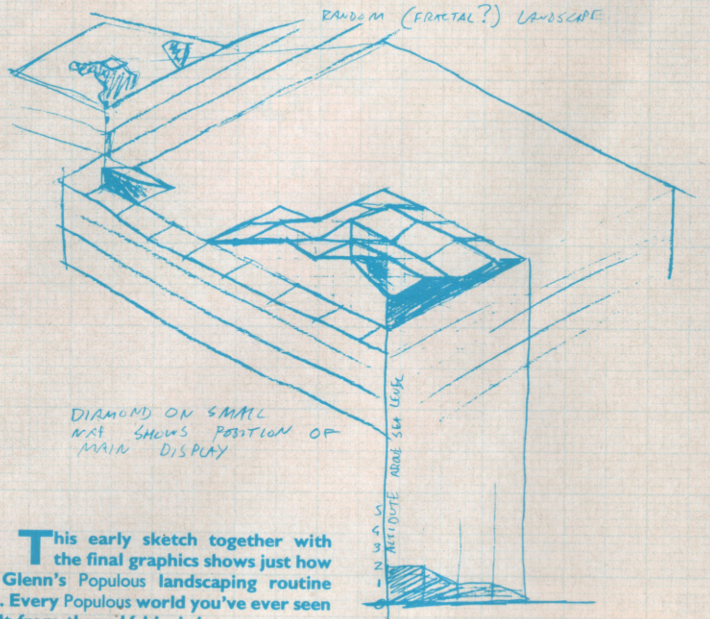
"We believe that games should be a team effort. That's why every Friday afternoon we stop work and have a meeting. We just sit down and share ideas – either an idea for a new game or ideas to improve ones currently under development."

It's Bullfrog's belief that even sound should play a part in the design of a game. "Sound should be an interactive element in the same way as our graphics are. We're trying to emphasise that in **Project F**. Instead of just gurgling effects in the background, we're going to use sound to warn you of danger, so the sound of water becomes fiercer as you approach it, or as the screen fills with it."

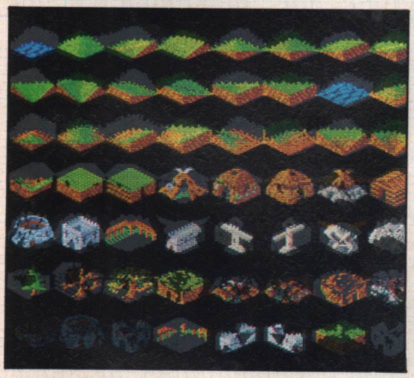
"We don't want to be known as the Vector Graphics King, or the Arcade King, or the RPG King – we'd like to think that we can turn our hand to any kind of original game. We believe that our strength is our creativity. Even if we were to do a coin-op conversion, we'd approach it as we would an original game."

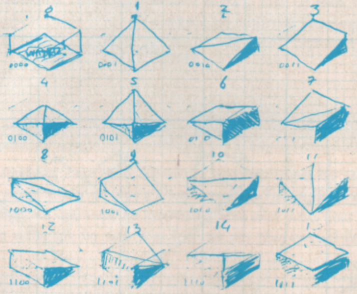
Populous' 'stickmen' sprites took the most time to develop than any other graphic elements. This sprite screen, used in the game's development, shows all the animation frames used to depict, walking, combat, drowning – and even a few ideas, like the 'POW' and 'SPLAT' icons that never made it into the finished game.




RANDOM (FRACTAL?) LANDSCAPE
DIAMOND ON SMALL MAP SHOWS POSITION OF MAIN DISPLAY
ALTITUDE ABOVE SEA LEVEL
5
4
3
2
1
0

This early sketch together with the final graphics shows just how simple Glenn's Populous **landscaping routine really is. Every** Populous **world you've ever seen was built from these 16 blocks!**





SOUNDS DIVINE

All of the sound heard in Bullfrog's games is created by 22 year-old Dave Hanlon. Dave has been playing musical instruments since the age of seven, specialising in the keyboard and guitar, and used to work producing demo tapes for up-and-coming musicians. He was introduced to computer music by Andrew Bailey, the original programmer of **Enlightenment**. "I'm a great fan of Rob Hubbard's C64 stuff – in a way that's what inspired me in the first place," he admits.

Dave uses a complex (and expensive) set-up, comprising a Yamaha SH101, a Roland synth and an Amiga 2000 to create his distinctive sounds – all of which are sampled. "I'm not particularly good at programming synths, so I just take my sounds from the real world."

In Dave's experience, it's sometimes the most unlikely sounds that make the best samples. **Populous**' atmospheric wailing and chanting, for example, came from one of Dave's old Yello CDs! "I prefer to sample from a Compact Disc rather than an album," he confesses. "Samplers are very receptive, and can pick up the hiss that a record produces. CDs are much clearer."

Perhaps the weirdest sound Dave has ever sampled was for the swamp in **Populous**. "I dropped a wet sponge into the bath and played the result back at half speed. Perfect!"

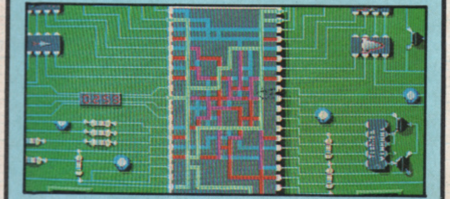
Since Dave isn't able to regularly visit Bullfrog's offices, he often has to rely on a 'brief': "Peter (Molyneux) gives me a few adjectives to describe the mood of the game and I create the sounds around that. For example, with **Project F**, I'm told that the game is based around water, so I've got to get plenty of 'watery sploshy' effects – but I've got specific orders not to sample the toilet flushing!"

For the moment, Dave's efforts will be concentrated on the music and effects for **Projects W** and **F**, but what does he have planned for the future? "I'd really like to get my own studio – one of professional quality where I could work. It's only a dream at the moment, but one that I plan to realise."

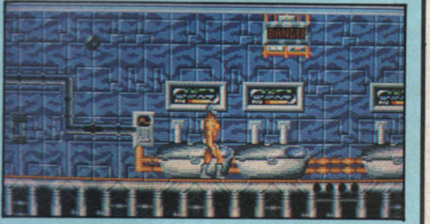
THE GAMES THAT NEVER HAPPENED... BUT MIGHT

"We subject all of our games to one simple acid test," explains Peter Molyneux. "When a game reaches a certain stage, we all play it – and if we don't enjoy it, we don't continue to develop it. The theory is if we don't like it, how can we expect anyone else to?" It's this policy that has led to many of Bullfrog's games grinding to a halt in mid-development. The games haven't been dropped as such – they've been put on Bullfrog's proverbial shelf, and may still be tweaked, finished and released – either as separate games or bundled on a compilation.

One of the most promising of all Bullfrog's 'shelved' ideas is Ember, **based around the classic Light-Cycles sequence from** Tron. **The player pilots a tiny speeder craft around a faulty microprocessor chip, trying to repair it by reconnecting its broken elements. The player is up against both a strict time limit and a rival speeder craft which destroys your handiwork.**



Colony **is an arcade adventure cum puzzle game set on a crippled colony starship, with the player set the task of repairing the ship's cryogenic suspension system, in order to save the passengers and crew before the thaw out – and die out. The game allows the player to drop video cameras around the ship so you can keep tabs on things while you're not there – the camera's transmissions are shown on multiple displays at the top of the screen.**



Hell **– based on Atari's** Joust, **one of Bullfrog's favourite golden oldies, this is a multi-directionally scrolling shoot 'em up set in the underworld, with the player up against a bevvy of suitably hell-like enemies. A novel feature allows the player to change the craft he pilots at special 'garages' positioned around the maze, each with its own strengths and weaknesses. The visuals may look dodgy, but these are just 'scratch' graphics thrown in to allow the game to be tested.**

KNIGHT FORCE

TITUS™

UNIT 4 STANNETS LAINDON NORTH TRADE CENTRE BASILDON ESSEX SS15 6 DJ - PHONE : (0268) 541 126

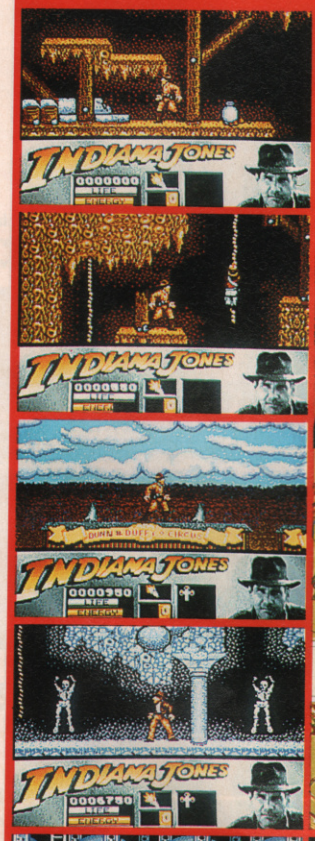
© 1988 TITUS. KNIGHT FORCE, TITUS AND THE TITUS LOGO ARE REGISTERED TRADEMARKS OF TITUS

The Man with the Hat is b

THE DASHING ARCHAEOLOGICAL ADVENTURER IS BACK ON A NEW QUEST – AND IN A DEADLY RACE AGAINST EVIL ...

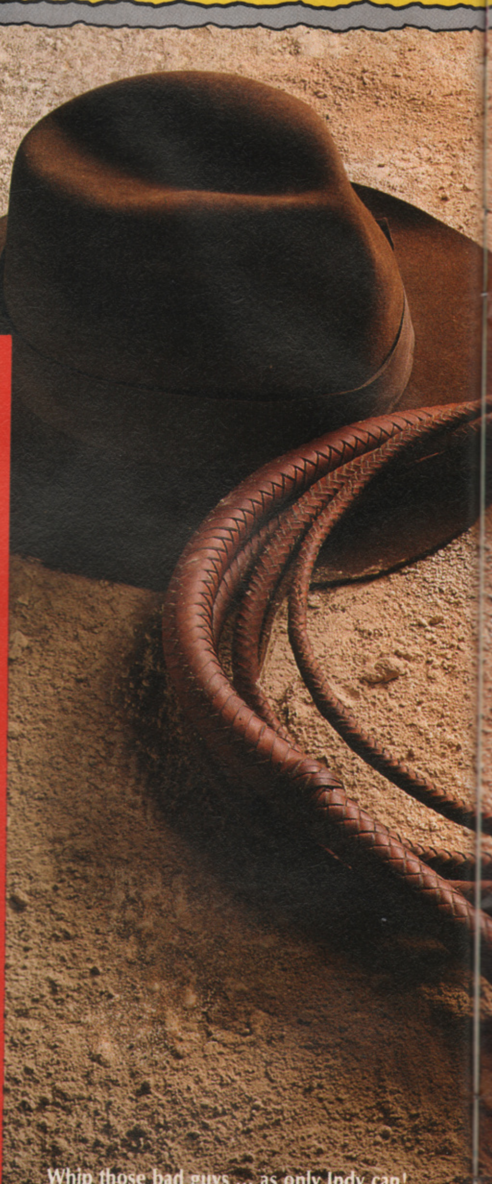
But first he has a personal mission to fulfill – the search for his missing father, Doctor Henry Jones, renowned historian, has been kidnapped, and his captors believe that he knows the whereabouts of the Holy Grail, the golden chalice that holds the key to eternal life ...

From the canals of Venice, to the dizzy heights of German castles and the arid wastes of Eastern deserts, the search is on. Indy must rescue his father and together they must fight the strongest force of the century – Nazism. And one Nazi in particular will stop at nothing in his bid for immortality ...


INDIANA JONES
0000000
LIFE
ENERGY
INDIANA JONES
0000550
INDIANA JONES
0000950
DUNN & DUFF CIRCUS
INDIANA JONES
0006750

LUCASFILM AND US GOLD PRESENT
INDY
INDIANA JONES
and the
Last Crusade
THE ACTION GAME
AMIGA
A TWO-FISTED ACTION GAME FROM THE PEOPLE WHO BROUGHT YOU THE SMASH HIT MOVIE.
LUCASFILM GAMES

INDIANA JONES
0014200
DAS GASTHAUS
INDIANA JONES
0014350
INDIANA JONES
0020850



Whip those bad guys ... as only Indy can!
Relive the greatest action scenes from the greatest Indy movie of them all.
It's red hot, slam bam action in true Indiana Jones style!

- *Capture the Cross of Coronado.*
- *Overcome a savage rat attack.*
- *Fight your way out of a giant Zeppelin.*
- *Survive the deadly tests of the Grail Temple.*

.... and much, much more!

CBM 64/128 & AMSTRAD
£9.99C/£14.99D
SPECTRUM 48/128K £8.99C
ATARI ST & CBM AMIGA £19.99
IBM PC & COMPATIBLES £24.99

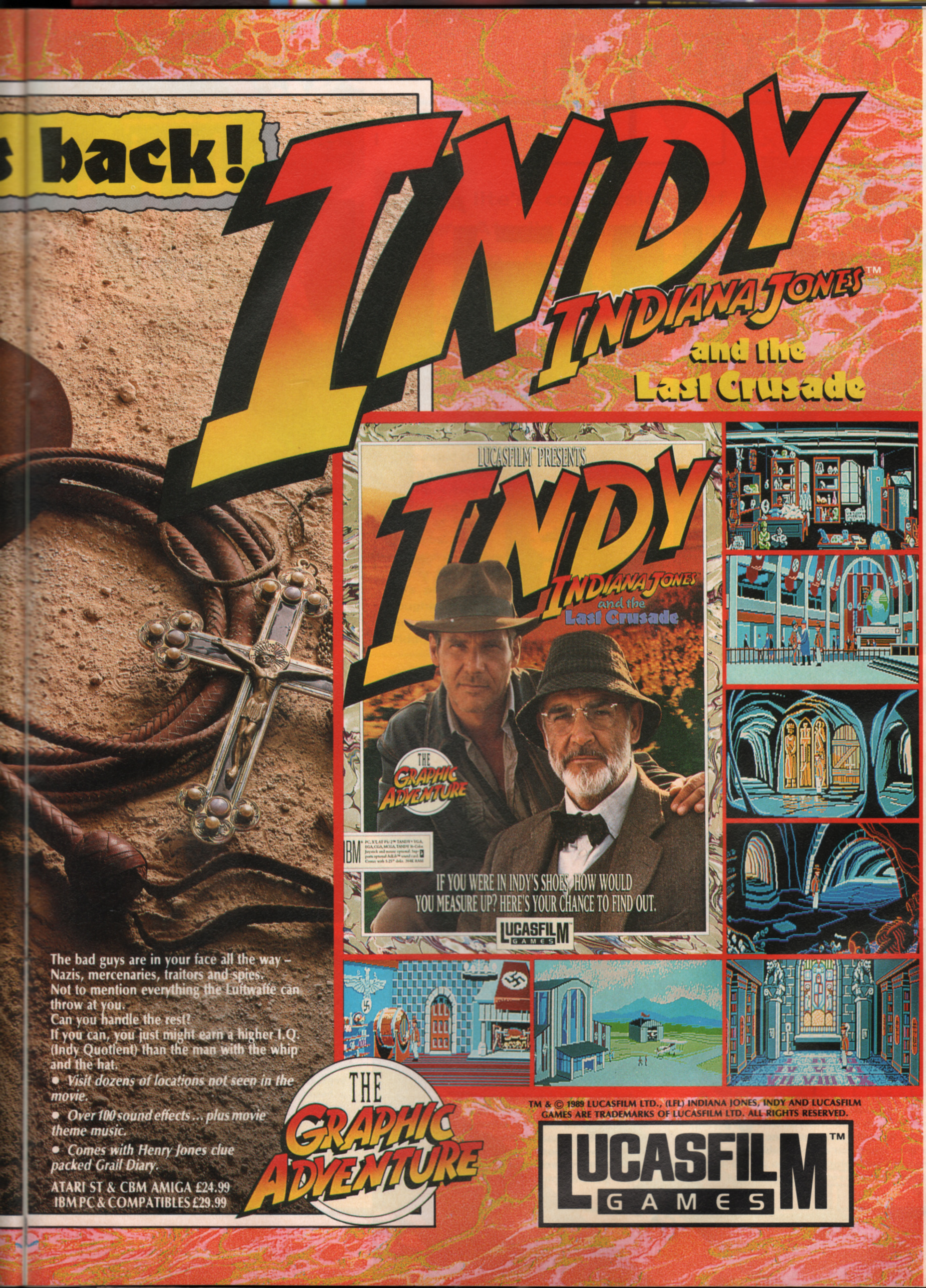
THE ACTION GAME

SCREEN SHOTS ARE FROM VARIOUS FORMATS.

U.S. GOLD®

U.S. GOLD LTD., UNITS 2/3 HOLFORD WAY, HOLFORD,
BIRMINGHAM B6 7AX. TEL: 021 625 3388

The b
Nazis
Not t
throw
Can y
If you
(Indy
and th
• Vis
movie
• Ov
theme
• Co
packe
ATARI
IBM P


s back!
INDY
INDIANA JONES™
and the
Last Crusade
LUCASFILM™ PRESENTS
INDY
INDIANA JONES
and the
Last Crusade
THE
GRAPHIC
ADVENTURE
IBM
IF YOU WERE IN INDY'S SHOES, HOW WOULD
YOU MEASURE UP? HERE'S YOUR CHANCE TO FIND OUT.
LUCASFILM
GAMES
THE
GRAPHIC
ADVENTURE
LUCASFILM™
GAMES

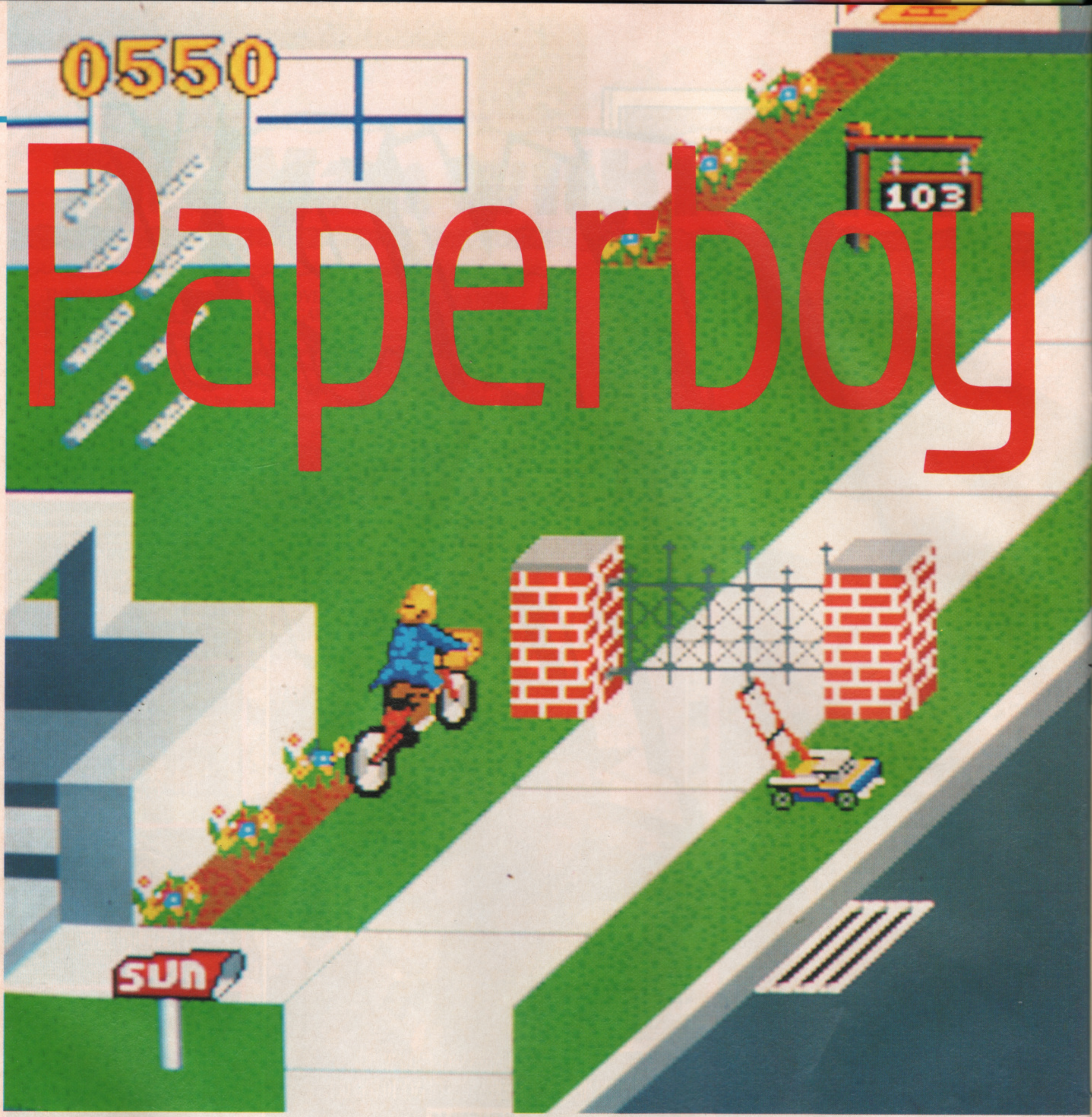
The bad guys are in your face all the way – Nazis, mercenaries, traitors and spies. Not to mention everything the Luftwaffe can throw at you.
Can you handle the rest?
If you can, you just might earn a higher I.Q. (Indy Quotient) than the man with the whip and the hat.

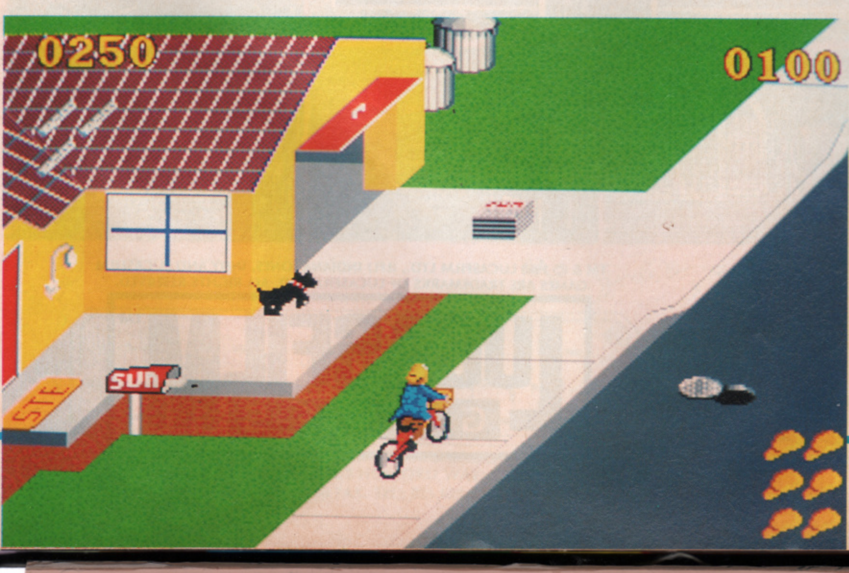
- *Visit dozens of locations not seen in the movie.*
- *Over 100 sound effects ... plus movie theme music.*
- *Comes with Henry Jones clue packed Grail Diary.*

ATARI ST & CBM AMIGA £24.99
IBM PC & COMPATIBLES £29.99

TM & © 1989 LUCASFILM LTD., (LFL) INDIANA JONES, INDY AND LUCASFILM GAMES ARE TRADEMARKS OF LUCASFILM LTD. ALL RIGHTS RESERVED.

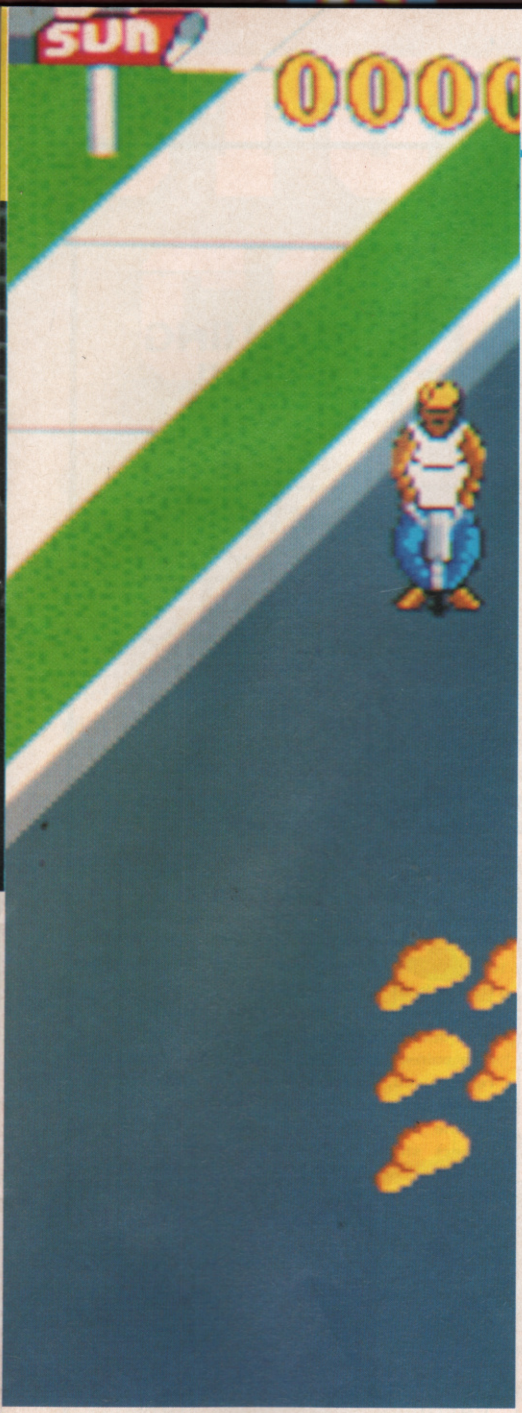
Paperboy





▲ Easy Street is strictly for novices and so offers no points bonus, while Middle Road is a touch busier and so offers double the trouble and the points to match. Hard Way is fraught with danger, which is way triple points are on offer to anyone crazy enough to attempt it.

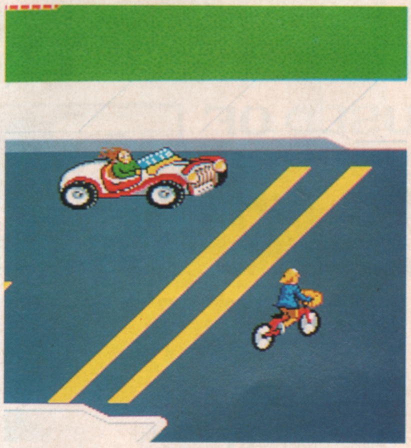
◀ As you'd expect from an originally American game, paper delivery is done in their traditional way. As you pass a house, just chuck a paper either into the mailbox at the end of the driveway or, even better, onto the doormat. To ensure that at least one paper hits its mark, it's best to throw two or three – your supply is topped up by collecting bundles of papers left on the pavement. But don't break a customer's window or you lose his subscription.

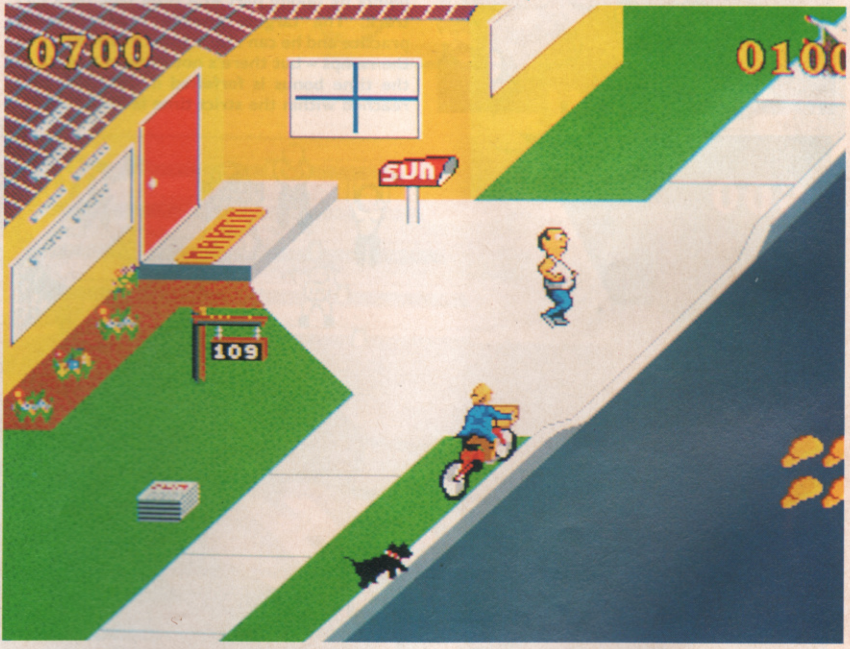


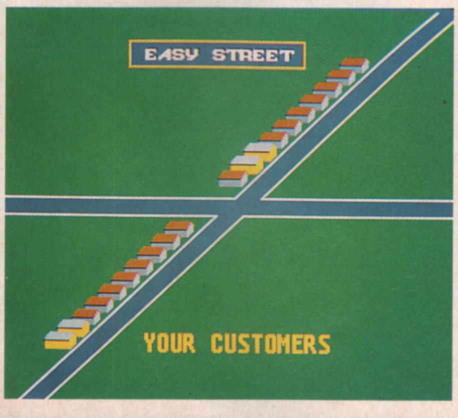
Elite's conversions of Atari's classic coin-op finally arrive in time for the late edition, so Gary Whitta dons his baseball cap and bicycle clips to do the rounds.

Atari's **Paperboy** has to be one of the biggest coin-op successes of recent years. American suburbs may sound like a place of peace and tranquility, but for the average paperboy it's a hell on earth. Super Joe Paperboy knows this only too well, having to deliver The Daily Sun to three of the toughest streets in the suburbs.

Joe's objective is to deliver consistently for a week – if he can do this he's promoted and lands a job in a tougher neighbourhood at the start of the next week. And so it goes on. Tiddly Pom...

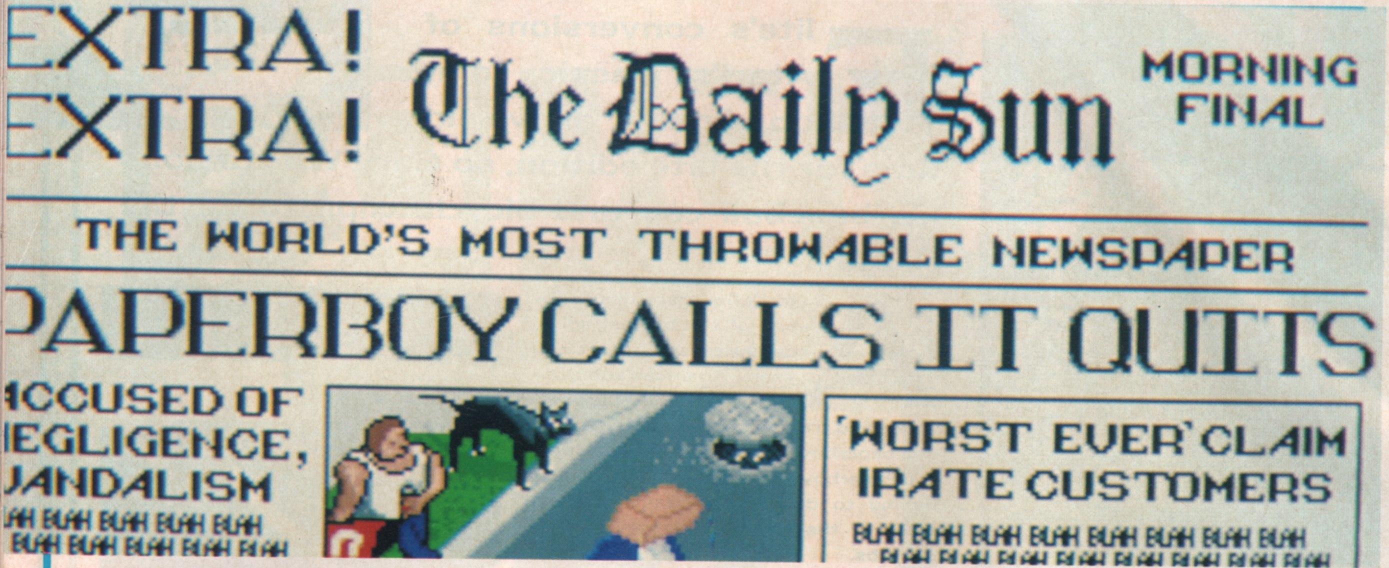






◀ The street map is displayed before each round to show you which customers subscribe to The Daily Sun. For these houses, the utmost service is required. For the rest, just sling the paper anywhere, and perhaps even break a window or two to show them the error of their penny-pinching ways.

▲ Paperboy's route is riddled with the dangers of suburban life – joggers, maintenance men, loose dogs, remote controlled cars and punk unicyclists all pose a threat on the sidewalk. It's not much safer on the road: drains, open manhole covers, oncoming cars and steep kerbs threaten to slip him up.



EXTRA!
EXTRA!

The Daily Sun

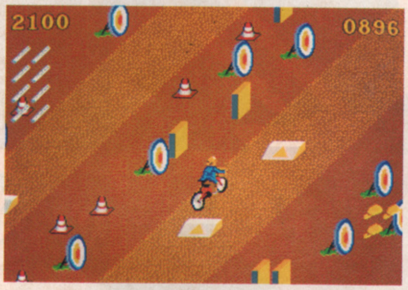
MORNING
FINAL

THE WORLD'S MOST THROWABLE NEWSPAPER

APERBOY CALLS IT QUITS

CCUSED OF
EGLIGENCE,
ANDALISM
AH BLAH BLAH BLAH BLAH
BLAH BLAH BLAH BLAH BLAH

'WORST EVER' CLAIM
IRATE CUSTOMERS
BLAH BLAH BLAH BLAH BLAH BLAH BLAH BLAH



Suffer one too many crashes, or complete the job and the Daily Sun's front page chronicles your performance.

At the end of the day Paperboy has a chance to earn bonus points by taking part in a time trial on a dirt track. The targets provide paper-throwing practice and he can also try out a few stunts on the ramps – but there's not time to dawdle as the time bonus is forfeited if the finish isn't reached within the strict time limit.

2600
I LUV PAPER BOY
HI
HI
0001
FINISH

A This is an almost flawless conversion in virtually every aspect. The gameplay has been successfully recreated, and the lack of handlebars hardly makes any difference to the playability at all. Sound, too, is spot on – Atari's distinctive coin-op sound has been faithfully reproduced, as have the tunes themselves to lend an authentic arcade feel to the proceedings. In fact the only aspect slightly off the mark is the graphics, which are ever-so-slightly chunkier than the original's. A first rate conversion – it was worth the wait.

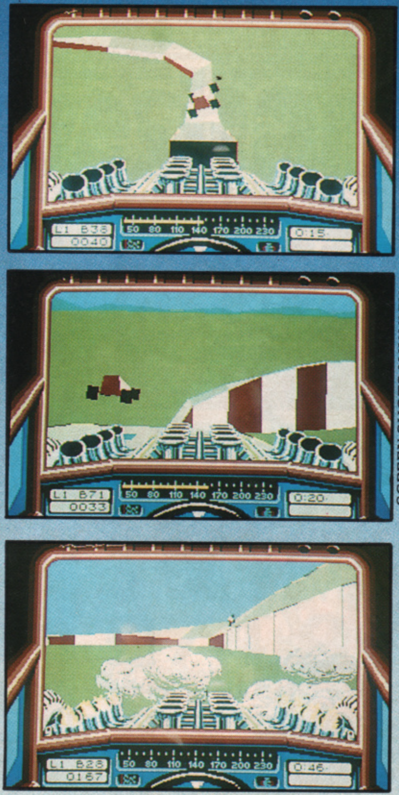
PRICE	£19.99
RELEASE DATE	October
GRAPHICS	80%
SOUND	84%
PLAYABILITY	83%
VALUE	75%

OVERALL 80%

ST The gameplay is expected to be identical to the coin-op's. However, the screen display will be slightly smaller and the sound that bit more 'tinkly'. ST Paperboy is due for release in October at the same time as the Amiga.

PC Due for release in late October, it should cost £24.99 and support EGA. The possibility of a VGA-compatible version has yet to be confirmed.

STUNT CAR RACER



SCREEN SHOTS MAY VARY

Stunt Car Racer is available
for ST, Amiga, PC, Spectrum
and Commodore 64

Step into the driving seat of one of the most wicked stunt cars around as a Stunt Car Racer. It's now up to you to prove just how good you are and to see whether or not you can ultimately become Division One Champion.

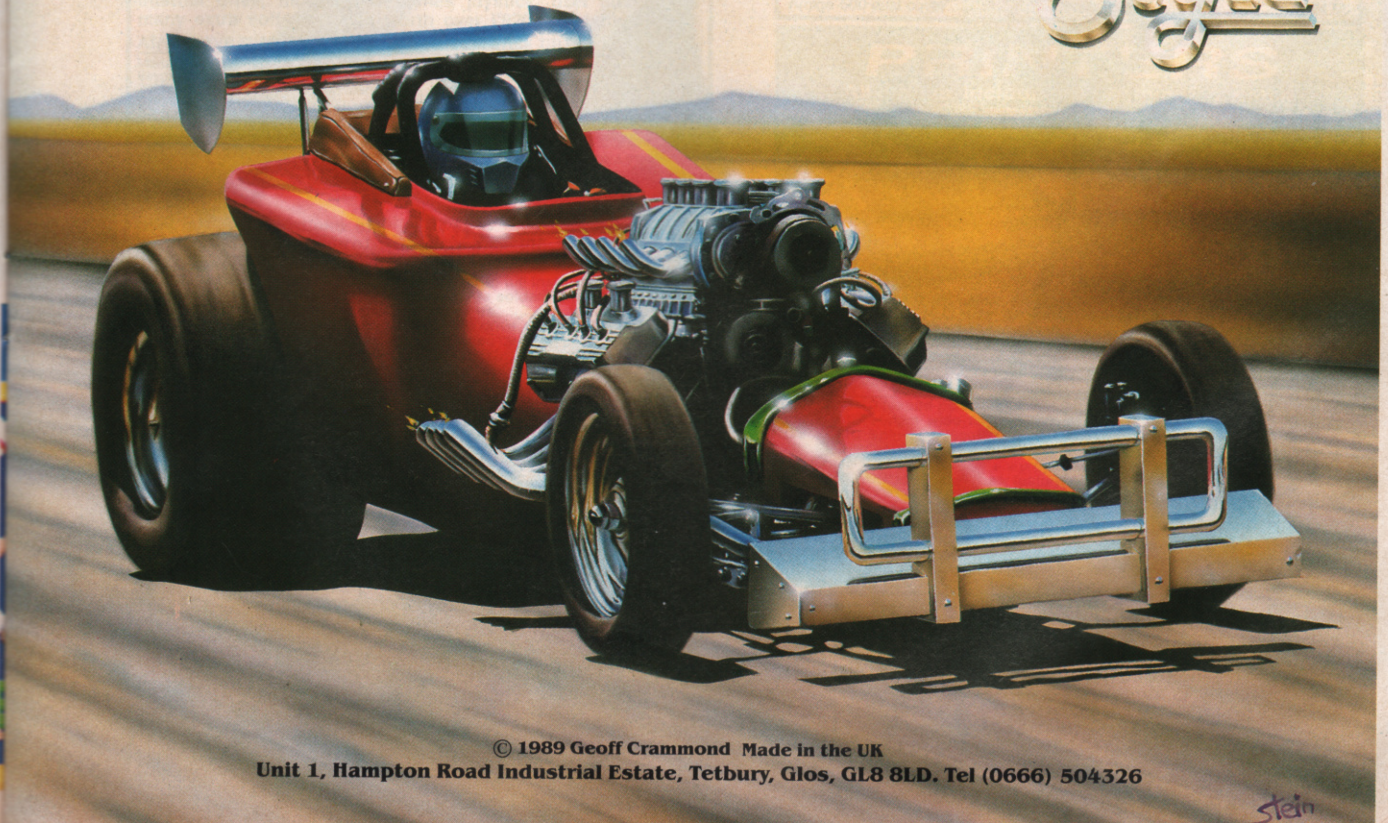
With a super-quick, turbo-charged V8 engine that will power you to incredible speeds, and long-travel suspension that enables you to soak up the bumps, your car really is an awesome projectile. The tracks are totally out of this world. Banked corners that enable you to 'pull g', undulating bumps that throw your car uncontrollably from side to side and huge ramps that catapult you into mid-air. In fact, you seem to spend so much time airborne, you could almost qualify for a pilot's licence!

Battle it out on the track against other computer controlled rivals, such as, Dare Devil and Road Hog. Race and jump so fast that your car starts to break up under the strain and then accelerate even more. There's no prizes for being second best in this game – it's all or nothing.

Stunt Car Racer – do you think you could be up there with the best?

Stunt Car is utterly brilliant and offers adrenalin-pumping, gut wrenching high speed action that'll keep you engrossed for months. C + VG.

Micro Style

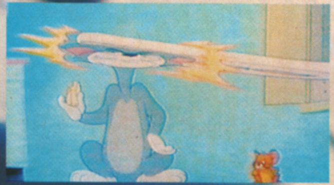


© 1989 Geoff Crammond Made in the UK

Unit 1, Hampton Road Industrial Estate, Tetbury, Glos, GL8 8LD. Tel (0666) 504326

CAT AND MOUSE GAMES

Tom Cat and Jerry Mouse made their debut in a cartoon entitled Puss Gets The Boot in 1940. Tom was called Jasper and Jerry didn't even have a name at the time, but this didn't stop the cartoon becoming an immediate success – and thanks to their creators, writer/animator William Hanna and gag comedian Joseph Barbera, Tom and Jerry went on to acquire seven Academy Awards in the following nine years.



The comedy duo is arguably the greatest seen on celuloid, their situations overshadowing the predictable scenario of cat chasing mouse – and despite the fact that there's seldom any dialogue!

But then, who needs words when actions speak louder – to the point of screaming in the case of Tom and Jerry... In his time Tom's been blown up, diced, flattened, carved up by lawnmowers, beaten senseless, cut to ribbons, hit and flattened by objects of all size and weight, and even had pins stuck in him before being sawn in half by Jerry! (In Trap Happy, a Tom And Jerry cartoon notable for the level of violence, which is extreme even by their standards, and two elements seldom seen: continuity – the bandage count rises whenever Tom's injured by Jerry, which emphasises the extent of the violence – and Tom's death, which doesn't come as much of a surprise after such a meaty beating).

Sadly, the mid-fifties saw the real death of Tom and Jerry. Financial restrictions, and new artists and writers meant that the twosome's madcap antics have never been quite the same again. However, discerning fans can relive those happy times with a series of video cassettes currently on sale in all relevant stores, priced around £8.99.

▲ **Sadly, the magic of the cartoons hasn't really been captured in Magic Bytes' home computer interpretation of** Tom And Jerry **(out now via Gremlin Graphics and priced at £19.99 on ST and Amiga). Jerry's quest for cheese is potentially entertaining, but the high-speed hi-jinx are low on speed and jinx, and the visual gags which distinguish the cartoon just aren't present. Tom and Jerry aren't the first cartoon characters to make the transition to the computer screen (and they certainly won't be the last). Notable 'attempts' include Elite's** Thundercats, **Atari's** Road Runner **coin-op and Magic Bytes'** Pink Panther.

Top Quality 2nd Drives for the Amiga and Atari ST at low, low prices

Evesham Micros

- ✔ Full compatibility with all Atari ST models, Amiga 500 & Amiga 1000
- ✔ Top quality Citizen drive mechanism
- ✔ One megabyte unformatted capacity
- ✔ External plug in PSU (Atari ST)
- ✔ Throughport (Amiga)
- ✔ Very quiet
- ✔ Slimline design
- ✔ Colour matched to computer
- ✔ Long cable for location either side of computer
- ✔ Full 12 months guarantee

Don't forget - all prices shown include VAT and delivery

ATARI ST VERSION ONLY

£79.95

AMIGA VERSION ONLY

£74.95

including VAT and delivery

ATARI® Hardware Offers

520 STFM *POWER* PACK

Amazing value, all-new special ST package from Atari! Includes 520STFM with 1MEG drive, joystick, mouse, user guide, 5 disks of public domain software, plus an Incredible selection of chart-topping software worth over £500! Software included is:

R-Type
Afterburner
Double Dragon
Super Hangon
Space Harrier
Overlander
Pacmania
Starglider
Super Huey
Eliminator
Predator
Bombjack
Out Run
Bombuzal
Xenon
Gauntlet II
Black Lamp
Starray
Nebulus
Stargoose
First Music
First Basic
Organiser

***All for only* £349.00 Inc VAT & delivery**

520 STFM *SUPER SUPER* PACK

***Fantastic* value package, comprising of a 520STFM with 1Mb internal drive, mouse and games joystick, user guide, plus many extra software titles worth over £620 in total!**

ATARI HAVE SUPPLIED THE FOLLOWING SOFTWARE TITLES :

Marble Madness
Beyond Ice Palace
Thundercats
Summer Olympiad
Arkanoid II
Eddie Edwards Ski
Ikari Warriors
Test Drive
Buggy Boy
Quadralien
Xenon
Wizball
Seconds Out
Zynaps
Chopper X
Ranarama
Starquake
Genesis
Black Lamp
Thrust
Organiser Business S/ware

EVESHAM MICROS SUPPLY AN EXTRA £170 WORTH OF SOFTWARE :

Starglider I
Carrier Command
Tracker
Starglider II
Flying Shark
Sentinel
Virus

plus an extra 5 disks of public domain software!

***only* £319.00 Inc VAT & delivery**

520STFM with built-in TV modulator and 1Mb internal drive	£269.00
520STFM 1MEG internal drive upgrade kit with full instructions	£74.95
520 STFM 1MEG memory uprade kit, requires soldering	£89.00
520 STFM 1MEG memory upgrade fitted by us	£119.00
1040STFM with built-in TV modulator, 1Mb drive, 1Mb RAM	£399.00
1040STFM 'Super Pack' including 21 games and joystick plus 'Organiser' business software for only	£419.00
1040STFM Hyper Pack, including Hyper Paint, Hyper Draw, 'Organiser' & £50 software voucher redeemable with Atari	£429.00
'Super pack software' 21 Games etc., as supplied by Atari	£60.00
Mega ST1 with mono monitor	£599.00
SM124 high resolution monochrome monitor	£119.00
SC1224 colour monitor	£279.00
Megafile 30Mb hard disk, new low price	£439.00
Vortex HDplus 40Mb hard disk	£519.00
5.25" External 40/80 track drive (360/720K) IBM compatible	£99.00
Vidi-ST 16-tone video frame grabber inc. digitising software	£95.00
Philips CM8833 colour monitor with ST cable	£229.00
Philips 8CM852 as above, higher resolution	£259.00
ITT CP3228 16.5" remote ctrl TV/Monitor, with ST cable	£229.00
Pye 1185 15" FST TV/Monitor with Teletext, rem/ctrl & cable	£269.00
High Resolution Mouse, good quality replacement	£19.95

DOUBLE TAKE! PYE 15" FST TV/MONITOR

(MODEL 1185)

Superb quality, stylish medium resolution FST colour TV/monitor to suit the ST or Amiga. Features teletext, full infra-red remote control, Euroconnector, Video/Audio input and headphone output connectors, 40 tuner presets, external aerial connector and loop aerial. Supplied with cable (please state computer type when ordering).

GREAT VALUE! £269.00 includes VAT and computer connection lead

AMIGA ACCESSORIES

A501 RAM/Clock expansion unit for the Amiga 500	£119.00
External 5.25" 40/80 track switchable floppy drive	£114.95
Vortex 'System 2000' 40Mb hard disk, with interface & software	£529.00
ITT CP3228 16.5" TV/Monitor with full rem/ctrl & SCART cable	£229.00
Philips CM8833 colour monitor, c/w Amiga cable	£229.00
Philips 8CM852 colour monitor as above, higher resolution	£259.00
Amiga 500 dust cover	£4.95

PRINTERS

All prices include VAT/delivery & cable

LC10

star

We use and recommend Star printers since they offer an unbeatable combination of features, print quality, reliability and value. Make the sensible decision - get it right with a Star printer at our special, all in, prices.

Hugely successful 9 pin printer, the Star LC10 provides 4 NLQ fonts (96 print combinations) at 36cps and 144cps draft. Includes 4K buffer and IBM/parallel interface, front panel operation, plus paper parking, allowing single sheets to be used without removing tractor paper.

Only £179.00
Colour version also available,
Only £229.00
Prices include 2 extra black ribbons free of charge.

Star LC24-10 feature-packed multifont 24pin printer	£319.00
Star NX-15 budget wide carriage printer	£329.00
Star FR-10 9pin 300/76cps with 31K buffer, 16 NLQ fonts, EE-PROM memory & 12 months on-site maintenance	£399.00
Panasonic KXP1081 reliable + sturdy 9pin 10" printer 120/24 cps	£169.00
Panasonic KXP1180 super new feature-packed multifont 9pin 11"	£199.00
Panasonic KXP1124 new good specification multifont 24pin 11"	£319.00
NEC P2200 budget 24 pin 168/56cps	£319.00
Epson LX800 popular budget 10" 180/25 cps	£179.00
Epson LQ550 good 24pin 150/50cps	£319.00
Citizen 120D budget 9pin printer 120cps	£139.00
Citizen HQP-45 bargain wide carriage 24pin printer	£399.00
Mannesmann Tally MT-81 130/24 cps	£149.00

3.5" Disks

10 Bulk packed DS/DD 3.5" disks with labels, fully guaranteed	£ 9.95
25 bulk disks as above	£22.95
10 disks as above with plastic case	£11.95
25 disks as above, with 40 capacity lockable storage unit	£29.95
Kodak DS/DD 3.5" disks, top quality storage media, fully guaranteed. Box of 10	£17.95

How to order from Evesham Micros

VISA

Phone us with your ACCESS or VISA card details on :
☎ 0386-765500

All prices include VAT and delivery. Express Courier delivery £5.00 extra.

✉ *Send cheque, Postal Order or ACCESS/VISA card details*

Govt., educ. & PLC orders welcome
Same day despatch whenever possible
All goods subject to availability, E.&O.E.
Open to callers 6 days, 9.30-5.30

Evesham Micros Ltd
63 BRIDGE STREET
EVESHAM
WORCS WR11 4SF
✆ 0386-765500
fax 0386-765354
telex 333294

Also at: 1762 Pershore Rd., Cotteridge, Birmingham B30 3BH Tel: 021 458 4564

Kingdoms O

In days of old when knights were bold and Gainstar wasn't even around, let alone distributing Incognito's software, Paul Presley picked up his lance and prepared to defend a new crown.

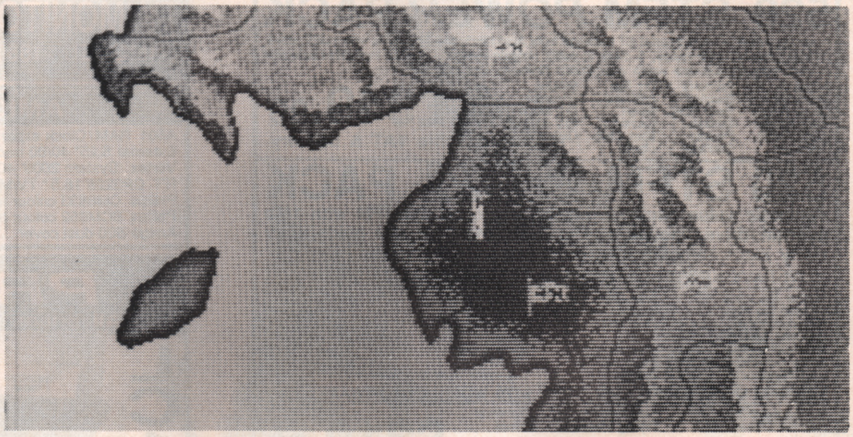
The year is 1421. Standing atop the vast hill at the forefront of your army, you gaze into the valley below where you spy the castle of Lord Ravenhill, teeming with his subjects readying themselves for the forthcoming battle.

Should you emerge victorious, you could take control of Stratford and its neighbouring provinces. Your mind drifts to your other enemies and you know that Farnborough must now have fallen, you curse yourself for not leaving a strong defensive force behind.

The heavy rumble of your catapults jolts your thoughts back to the present and you prepare to give the order to attack...

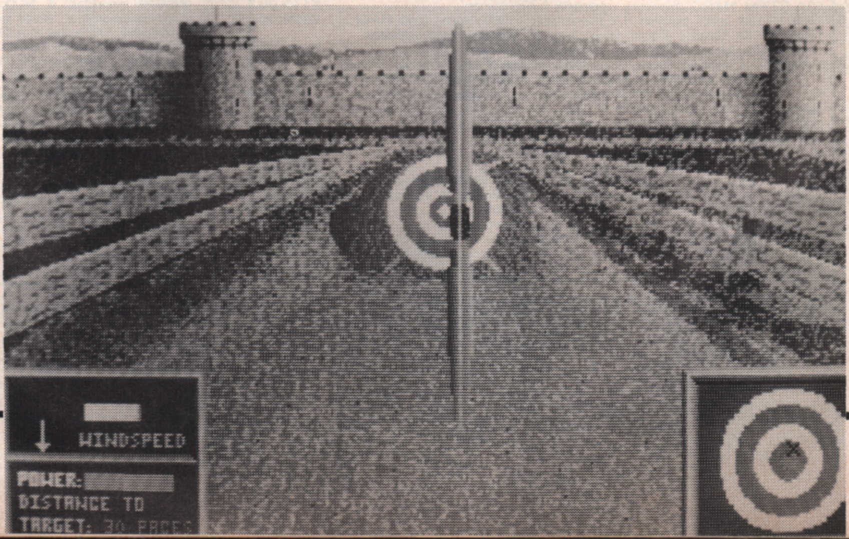
Way back in 1985 Cinemaware released **Defender of the Crown**, a strategic game based on the mediaeval conquest of Britain. It boasted (for its time) incredible graphics and sound coupled with action sequences to liven the atmosphere. Sadly it lacked gameplay – there wasn't enough variety or strategy and the map was too small.

Now comes **Kingdoms of England** – a similar concept with a more extensive map, more strategy than World War III and a multiple player option. But has it improved on **Defender** or has it become too complex for its own good?

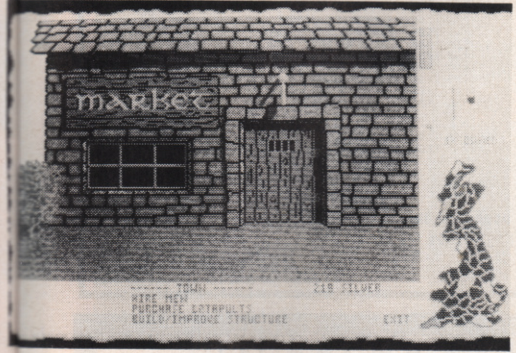


▲ **England is split into 63 provinces – each waiting to be conquered. An area has a Tax value showing how much revenue the owner will take in and a Terrain value that determines how easy it is to cross. It also reveals who owns the land, how big a castle he has and a rough idea of how many soldiers are stationed there.**

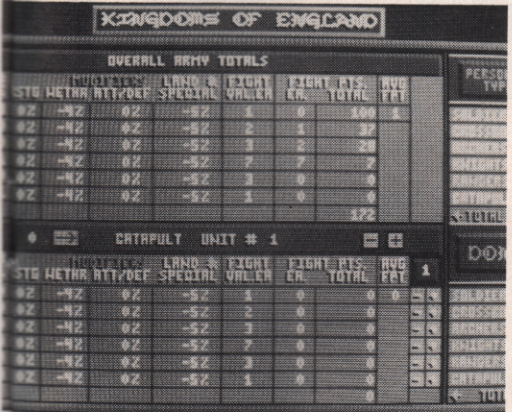
Twice a year all the lords get together and take part in an archery competition, the prize for which (apart from a boost in your army's morale) is a large pot of silver. Three factors affect your shot: wind speed, wind direction and the distance from the target. ▶



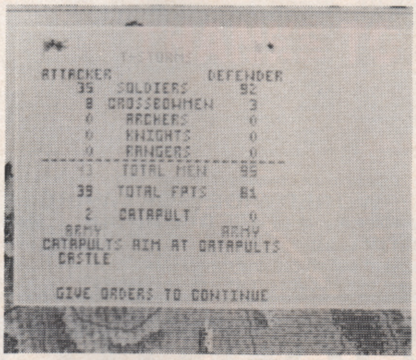
Of England



When occupying un unowned province, one option is to visit the town and hire more men. You can also construct a building (anything from a small tower to a large castle), join forces with another of your troops or split your men into two or more separate armies.



When two human players do battle, and one has a castle to defend, the battle ensues with much greater detail. Firstly, armies are split into a number of units by allocating men on the Battle Setup screen, up to 10 army and 10 catapult units are available and are selected by taking men from the top of the screen and placing them in the units at the bottom.



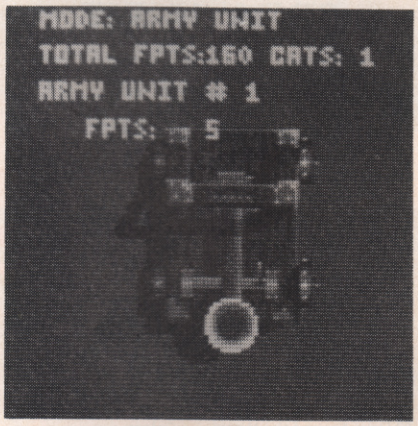
```
ATTACKER            DEFENDER
   35   SOLDIERS       92
    8 CROSSBOWMEN       3
    0    ARCHERS        0
    0    KNIGHTS        0
    0    RANGERS        0
-------------------------------
   43   TOTAL MEN      95

   39   TOTAL FPTS     81

    2   CATAPULT        0
  ARMY                ARMY
CATAPULTS AIM AT CATAPULTS
 CASTLE

 GIVE ORDERS TO CONTINUE
```

War begins when two opposing armies try to gain control of the same province. In Quick Battle mode, this conflict is carried out on a numerical battle sheet. You have partial control in that you can opt to surrender or flee at any point and you can decide what the catapults fire at, but other than that it's figures that win the day.



Battle commences with the troops converging on the castle and the catapults splilling forth their deadly ammunition. At any time you can call up information about your troops or move your troops and fire your catapults manually. Just leave them alone and they will fall under computer control and probably do something completely different than what you had in mind for them.

A Kingdoms Of England grabs your attention from the outset, with a suitable mood generated by an impressive musical score and functional graphics. More importantly though, the gameplay hasn't suffered as a result. A quality strategy bent is apparent throughout, more so when up to four human and four computer players are involved, taking turns. A good example of the level of detail and flexibility present is the ability to split your forces into any number of different sized units at any time, anywhere. Anyone who played Defender Of The Crown and was left wanting more will be more than satisfied with Kingdoms Of England. And so will anyone else after a lasting challenge for that matter.

PRICE	£24.95
RELEASE DATE	Out Now
GRAPHICS	85%
SOUND	88%
PLAYABILITY	85%
VALUE	79%

OVERALL 81%

ST Gainstar reckons that there's every chance of an Atari version appearing. However, work has yet to begin, and so a price and release date are yet to be determined.

PC Kingdoms of an MS-Dos compatible nature are currently under development. A price of £24.95 has been fixed, and a release date should follow within the next month or so.

WORLDWIDE ·SOFTWARE·

WORLDWIDE SOFTWARE
1 BRIDGE STREET
GALASHIELS
TD1 1SW

WORLDWIDE SOFTWARE
106A CHILWELL ROAD
BEESTON
NOTTINGHAM NG9 1ES

AMIGA/ST SOFTWARE	AMIGA	ST
3D Pool	16.95	14.95
African Raiders	14.95	14.95
Afterburner	14.95	14.95
Airborne Ranger	16.95	16.95
Alien Syndrome	16.96	14.95
Alternative Reality	14.95	14.95
Amiga Gold Hits	17.95	–
Arhcipelagos	16.95	16.95
Archon Collection	7.25	7.25
Astaroth	17.95	17.95
A.P.B.	14.95	14.95
Action Fighter	16.95	16.95
Altered Beast	17.95	14.95
Baal	14.95	14.95
Balance of Power 1990	16.95	16.95
Balistix	14.95	14.95
Barbarian 2	16.95	16.95
Bards Tale 2	17.95	–
Bards Tale	7.25	7.25
Batman	16.95	16.95
Battlechess	17.95	17.95
Battlehawks 1942	17.95	17.95
Battletech	17.95	–
Beam	16.95	16.95
Beast	16.95	16.95
Bio Challenge	16.95	16.95
Black Cauldron	16.95	16.95
Bloodwyche	17.95	17.95
Breach	14.95	14.95
Bridge Player 2000	14.95	–
Basketball	17.95	–
Batman the Movie	17.95	14.95
Beach Volley	17.95	14.95
California Games	14.95	14.95
Capone	21.95	–
Carrier Command	16.95	16.95
Castle Warrior	16.95	14.95
Chariots of Wrath	16.95	16.95
Circus Attractions	14.95	14.95
Colossus Chess X	16.95	16.95
Crazy Cars 2	16.95	14.95
Cybernoid 2	14.95	14.95
Chessmaster 2000	17.95	17.95
Conflict in Europe	17.95	17.95
Datastorm	16.95	16.95
De Luxe Scrabble	14.95	14.95
Deja Vu 2	17.95	17.95
Demons Winter	17.95	17.95
Denaris	14.95	14.95
Dominator	14.95	14.95
Dragon Ninja	17.95	14.95
Dragons Lair 1 Meg	31.95	–
Dreamzone	16.95	16.95
Dungeon Master 1 Meg	16.95	–

AMIGA/ST SOFTWARE	AMIGA	ST
Dungeon Master Editor	7.99	7.99
Double Dragon	17.95	17.95
Dynamite Dux	17.95	17.95
Eliminator	14.95	14.95
Elite	16.95	16.95
Emmanuelle	14.95	14.95
Empire Strikes Back	14.95	14.95
Empire	17.95	17.95
F16 Combat Pilot	16.95	16.95
F16 Falcon	21.95	16.95
F16 Falcon Mission Disk	14.95	14.95
Ferrari Formula 1	17.95	–
Fire Brigade (1 Meg)	21.95	–
Firezone	17.95	17.95
Flight Simulator 2	28.95	28.95
Flying Shark	16.95	–
FOFT	21.95	21.95
Football Director 2	14.95	14.95
Football Manager 2 Exp Kit	9.99	9.99
Football Manager 2	14.95	14.95

AMIGA/ST SOFTWARE	AMIGA	ST
Indy Jones Last Crusade	14.95	14.95
Jaws	14.95	14.95
Journey	21.95	21.95
Jack Nicklaus Golf	17.95	–
Kennedy Approach	16.95	16.95
Kenny Dalglish Soccer Mngr	14.95	14.95
Kick Off	14.95	14.95
Kingdom of England	16.95	–
Kings Quest Triple Pack	17.95	17.95
Krystal	21.95	21.95
Kult	16.95	16.95
Last Ninja 2	17.95	17.95
Leaderboard Collection	17.95	14.95
Leisuresuit Larry	14.95	14.95
Leisuresuit Larry 2	21.95	21.95
Licence to Kill	14.95	14.95
Lombard RAC Rally	16.95	16.95
Lords of Rising Sun	21.95	–
Legend of Djel	17.95	17.95
Leonardo	14.95	14.95

AMIGA/ST SOFTWARE	AMIGA	ST
Populouos	17.95	17.95
Powerdrome	17.95	17.95
Precious Metal	17.95	17.95
Premier Collection	21.95	21.95
Prospector	16.95	–
Pacland	14.95	14.95
Paperboy	14.95	14.95
Passing Shot	17.95	17.95
Populous Promised Lands	7.99	7.99
Preditor	17.95	–
Quartz	17.95	17.95
R Type	17.95	14.95
Rampage	17.95	–
Red Heat	17.95	14.95
Rick Dangerous	17.95	17.95
Ringside	17.95	17.95
Robocop	17.95	14.95
Rocket Ranger	17.95	17.95
Running Man	16.95	16.95
RVF	16.95	16.95

★ ★

FAST DELIVERY ON ALL STOCK ITEMS BY 1ST CLASS MAIL IN UK
SPECIAL OVERSEAS SERVICE BY AIR MAIL WORLDWIDE
CREDIT CARD ORDERS ACCEPTED BY PHONE OR MAIL
CREDIT CARD ORDER TELEPHONE LINES

NORTH, SCOTLAND
N. IRELAND, OVERSEAS
0896 57004 (24 HOURS)

OVERSEAS TELEPHONE ONLY
NOTTINGHAM 225368

SOUTH, MIDLANDS
WALES
0602 252113 (24 HOURS)

★ ★

AMIGA/ST SOFTWARE	AMIGA	ST
Forgotten Worlds	14.95	14.95
Fright Night	14.95	14.95
Fun School 2 (6-8)	14.95	14.95
Fun School 2 (over 8)	14.95	14.95
Fun School 2 (under 6)	14.95	14.95
Fusion	17.95	17.95
Fantavision	34.95	–
Futuresport	–	14.95
Galdragons Domain	14.95	14.95
Gold Rush	17.95	17.95
Grand Monster Slam	14.95	14.95
Grand Prix Circuit	17.95	–
Gunship	17.95	–
Geminie Wings	14.95	14.95
Golden Oldies	7.99	7.99
Hawkeye	16.95	16.95
Heroes of the Lance	17.95	17.95
High Steel	14.95	14.95
Hollywood Poker Pro	18.75	18.75
Hostages	16.95	16.95
Interceptor	17.95	–
Internat Karate+	17.95	14.95
It Came from Desert	21.95	–

AMIGA/ST SOFTWARE	AMIGA	ST
Lost Patrol	17.95	14.95
Manhunter	21.95	21.95
Marble Madness	7.25	7.25
Mayday Squad	14.95	14.95
Menace	14.95	14.95
Mickey Mouse	14.95	14.95
Microprose Soccer	16.95	16.95
Millenium 2.2	17.95	17.95
Mini Golf	14.95	14.95
Murder in Venice	17.95	17.95
Monopoly Deluxe	14.95	14.95
Mr Heli	16.95	16.95
Navy Moves	17.95	14.95
New Zealand Story	17.95	14.95
Night Dawn	16.95	16.95
Operation Wolf	16.95	14.95
Outrun	7.25	7.25
Oriental Games	16.95	16.95
Paladin	21.95	–
Personal Nightmare	21.95	21.95
Phobia	17.95	17.95
Pirates	–	16.95
Police Quest	17.95	17.95

AMIGA/ST SOFTWARE	AMIGA	ST
Rainbow Islands	16.95	16.95
Rainbow Warrior	16.95	16.95
Red Lightning	–	22.95
Scenery Disk 9	11.20	11.20
Shogun	21.95	–
Shoot Em Up Const Kit	22.95	–
Silent Service	16.95	16.95
Silkworm	14.95	14.95
Skyfox 2	7.25	7.25
Sleeping Gods Lie	16.95	16.95
Sorceror Lord	17.95	17.95
Space Quest 2	17.95	17.95
Space Quest 3	–	21.95
Speedball	16.95	16.95
Spherical	14.95	14.95
Starglider 2	16.95	16.95
Steigar	14.95	14.95
Steve Davis Snooker	14.95	14.95
Super Scramble	14.95	14.95
Supercars Test Drv II	11.20	–
Sword of Sodan	17.95	–
Soccer	17.95	17.95
Star Wars Trilogy	17.95	17.95

AMIGA/ST SOFTWARE	AMIGA	ST
Stormtrooper	14.95	–
Story So Far Vol 1 or Vol 2	14.95	14.95
Stunt Car	16.95	16.95
Super Wonder Boy	17.95	17.95
Talespin	21.95	21.95
Tank Attack	16.95	16.95
Targhan	16.95	16.95
Teenage Queen	14.95	14.95
Test Drive 2 Calif Chal	11.20	–
Test Drive 2 The Duel	17.95	–
Thunderbirds	16.95	16.95
Times of Lore	16.95	16.95
Time Scanner	17.95	14.95
Tracksuit Manager	14.95	14.95
Trained Assasin	16.95	–
TV Sport Football	21.95	–
Trivial Pursuit 2	14.95	–
UMS	16.95	16.95
US Gold Giants	–	21.95
Vigilante	14.95	14.95
Voyager	17.95	14.95
Verminator	–	16.95
War in Middle Earth	14.95	14.95
WEC Le Mans	17.95	14.95
Weird Dreams	16.95	16.95
Wicked	17.95	14.95
World Tour Golf	7.25	–
Waterloo	17.95	–
Xenophobe	16.95	16.95
Xybots	14.95	14.95
Xenon 2 Megablast	17.95	17.95
Zak McKracken	17.95	17.95
Zork Zero	21.95	–

JOYSTICKS

Cheetah 125+	6.95
Cheetah Mach 1	10.95
Cheetah Starprobe	12.95
Quickjoy Supercharger	12.95
Comp Pro 5000	12.95
Comp Pro 5000 Clear	13.95
Comp Pro 5000 Extra	14.95
Konix Speedking	9.99
Konix Speedking Autofire	10.99
Cruiser	8.99
Quickshot Turbo	10.95
Adv Hint Bookd	
Bards Tale 1 or 2	5.00
Space Quest 1 or 2	6.99
Kings Quest 1 or 2 or 3	6.99
Pools of Radiance	7.00
Police Quest	6.99
Leisuresuit Larry	6.99
Blank Disks, Covers etc	
10 x 3.5" DS/DD Blank Discs	9.95
Amiga Keyboard Cover	6.99
Atari Keyboard Cover	6.99
Mouse Mat	4.99
40 Disk Storage Box	8.95
80 Disk Storage Box	9.96
Amiga/ST Drive Head Cleaner	6.99

Please make cheques or postal orders payable to
WORLDWIDE SOFTWARE.
All prices include postage & packing in UK. Credit card orders accepted by phone or mail.
Galashiels: (0896) 57004 (24 hours) **Nottignham: (0602) 252113 (24 hours)**

Europe (other than UK)
Shipping costs are
£1.50 per disk for normal air mail
£2.50 per disk for express air mail

ADVERTISED PRICES ARE FOR MAIL AND TELEPHONE ORDERS
ALL PRICES CORRECT AT TIME OF GOING TO PRESS. E&OE

Outside Europe
Shipping costs are
£2.00 per disk for normal air mail
£3.00 per disk for express air mail

SUPERVISION ELECTRONICS

13 Mansfield Road, Nottingham NG1 3FB Tel: 0602 475151

Best Price! Newest Games! 1st Class Delivery. Telephone Orders Welcome.

PC ENGINE

PC ENGINE PRICE LIST

PC Engine Pal 1 Version with One Free Game (works on any T.V.) £198.00
EX1-ST Joystick
Auto Fire Joypad
5 Player Joystick Interface
PC Engine with Start Lead £186.00
EX1-Pro Joystick
5 Player Joystick Interface
A V Booster
PC ENGINE SOFTWARE
R – Type 1
Drunken Master
Namcot Baseball
Chan & Chan
Wonderboy in Monsterland
Victory Run
R – Type II
Galaga 88
Alien Crush
Legendary Axe
Fantasy Zone
Space Harrier
Vigilant
Dragon Spirit
Watura
Son & Son II
Dungeon Explorer
Motoroader
P 47
Yu Yu Insect
Necromancer
Winning Shot
Rainbow Island CD
(Bubble Bobble II)
OutRun
Altered Beast
Afterburner
Flying Shark
Deep Blue
Tiger Heli
Thunderblade
Shinobi
Ninja Warrior
Tale of Monster Path
Fire Pro-Wrestling
Wonder Momo
Gun Hed
Cyber Cross
Super Sumarai
Pacland
Final Lap

With shipment comes in from Japan every 3 weeks, a lot more latest games are not listed for the latest update please ring us on the above number.

SEGA 16 BIT

Sega Megadrive £180.00
SEGA MEGADRIVE SOFTWARE
Altered Beast
Space Harrier II
Thunderforce II
Super Thunderblade
Alex Kidd in Miracle World
Northern Ken
Mr Ku No Toku

NINTENDO

Ghosts 'n' Goblins
Star Soldier
Jackal
Top Gun
Bomb Jack
Solomon's Key
Double Dribble
Double Dragon
Ninja Boy II
80 Days Around the World
Mag Max
Super Mario III
Super Mario Bros
The Legend of Kage
Agus
Twin Bee
Might Bomb Jack
Craz Island
King of Ghost
1943
Soccer
Contra
Pinball
Karnov
Sumo Wrestling
Goonies
Wrecking Crew
Labyrinth Temple
Spelunker II
Satan Den
Pro-Wrestling
Maze Song
Galaga
Ghost Club
F-1 Race
Renegade
Elevator Action
Battle City
Green Beret
Legndary Wings
Miracle Stone
Metroid
1942
Operation Wolf
Star Force
Son & Son
Ninja R Ukenden
Nang Wan Do Si
Godzilla War
Delta Force
Donkey King
The Black Bass
The New Type
Gyrodine
Laya
Rainbow Island
Salamander
Super Detective
Love Fight
World Soccer
Rolling Thunder
Grudius II
Godzilla
Space Harrier
Knight Rider
Ice Hockey
Top Secret
Bubble Bobble
Crocodile Dundee
Northen Ken
B-Wings
Heaven Adventure
The Goonies II
Tiger Heli
Arkanoid
Super Chinese
Dragon Spirit
Donald Duck
Fighting Road
Mighty Atom
Magic Island
Cobra Command
Super Mario II
Mario Bros
Donald Land
Spx-Aso
Gunsmoke
Bomber Man
Bomber King
Adventure in 2100
Mickey Mouse
Infant Ninja
Star Wars
Metal Fight
Alien Syndrome
Metal Gear
Fantasy Zone II
Air Wolf
Super Samurai
Dragon Ninja
Atrena
Holy Diver

Joystick ....£15.99 to £24.00
Joypad .... £9.99 to £15.00
Auto Fire Joypad £21.99
Family Computer Disk System.............................. £89.99
Nintendo Family Computer...... £110

A Lot More Latest Games Are Available

BEST PRICE! NEWEST GAMES! 1st CLASS DELIVERY
TELEPHONE ORDER WELCOME

A FUSIONRETROBOOKS PUBLICATION

COMPETITION

WIN A STRIDER-MENDOUS TV & VIDEO UNIT!

THANKS TO US GOLD
SCORE:000250
TIME077-03
TVR-3
AMSTRAD
TELEVIDEO
HQ
12:43 2

Now there's tidy. A video recorder built into the television – just like the computer and disk drive package of the ST, Amiga and PC really. Amstrad's TVR3 combination television and video has many fish-mendous features, including reamote cod-trol and two tunas – so you can watch one programme (or program for that matter) whale you re-cod another!

All what's all this fish-gusting talk got to do with US Gold's quality conversion of CapCom's **Strider**? Absolutely everything, for it's the aforementioned TVR3 system which is up for grabs, courtesy of US Gold, in this jelly supper **Strider** competition. All you have to do is correctly answer the five question, cut out the form, stick it (or a copy of it) onto a postcard and send it to: GHO-STRIDERS IN THE SKY COMPETITION, The One, Priory Court, 30-32 Farringdon Lane, LONDON EC1R 3AU, to arrive before the 28th of September 1989.

The 10 runners-up will each receive a US Gold **Strider** Bundle O' Fun, which includes (among other items) a T-shirt.

THE QUESTIONS

1) How many different moves does Tiertex, the team behind the conversion, reckon the gymnastic Strider can perform?
A) 5
B) 15
C) 25
2) What's Strider's surname?
A) Nesbitt
B) Hiryu
C) Strider
3) What is Strider's main means of defence?
A) His Hi-tech Laser Pistol
B) His Hi-tech Laser Phlegm
C) His Hi-tech Laser Sword
4) What is the title of US Gold's last released CapCom coin-op conversion?
A) Forgotten Worlds
B) Last Duel
C) Vigilante
5) Apart from the TVR3, which of the three machines we cover does Amstrad also produce?
A) ST
B) Amiga
C) PC

THE SMALL PRINT
The Editor's decision is final and no correspondence will be entered into. Employees of EMAP, US Gold and all associated companies don't stand a chance of winning, so forget it.

ANSWERS

1)
2)
3)
4)
5)

NAME ....

ADDRESS ....

....

.... **POSTCODE** ....

T-SHIRT SIZE (S/M/L)

Beach Volley
WAKO.

The sun's beating down, Rock 'n' Roll music's playing, it's time for Beach Volley – let's take on the world!

Your team travels the globe from London to Sydney challenging all comers in the latest craze that's sweeping the beaches.

Fantastic action with variable service and play controls as you lob the defences, try a lightning reflex short smash to win back your service, jump block to defend your match winner.

This is Beach Volley . . . you may even catch a tan!

SPECTRUM	**8.99**	AMIGA	**24.99**
COMMODORE AMSTRAD	**9.99**	ATARI ST	**19.99**

CASSETTE

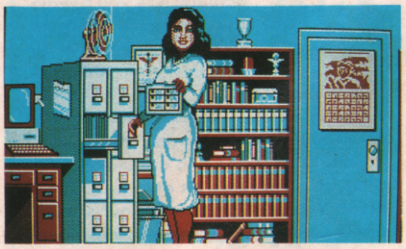
ocean®

Ocean Software Limited · 6 Central Street · Manchester · M2 5NS
Telephone: 061 832 6633 · Telex: 669977 OCEANS G · Fax: 061 834 0650

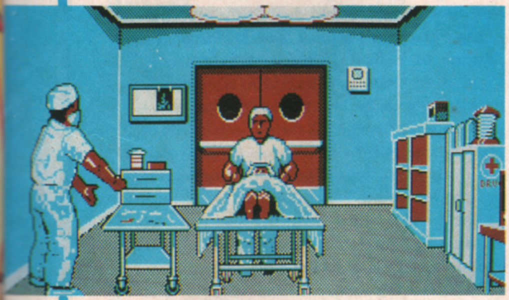
Life &

Swann Morton

It's normal for new surgeons to feel a little disorientated. Luckily, a receptionist is on hand to give directions.

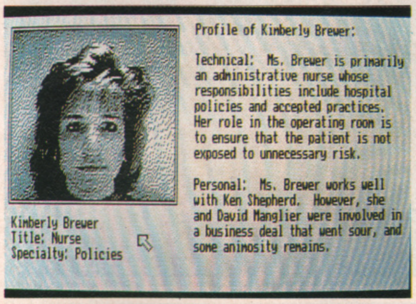


Fancy a career in the theatre? Well, if swabs and scalpels are more your style than footlights and greasepaint, then Mindscape's surgical simulation could be for you. Kati Hamza scrubs up...



A thorough physical examination is the backbone of good medical technique. Just position the mouse to palpate the relevant area and wait for the screams.

It's important to pick the right surgical team. Some members of staff give useful advice during surgery – others find it impossible to work together.

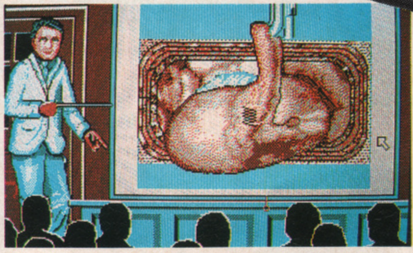


Profile of Kimberly Brewer:

Technical: Ms. Brewer is primarily an administrative nurse whose responsibilities include hospital policies and accepted practices. Her role in the operating room is to ensure that the patient is not exposed to unnecessary risk.

Personal: Ms. Brewer works well with Ken Shepherd. However, she and David Manglier were involved in a business deal that went sour, and some animosity remains.

Kimberly Brewer
Title: Nurse
Specialty: Policies



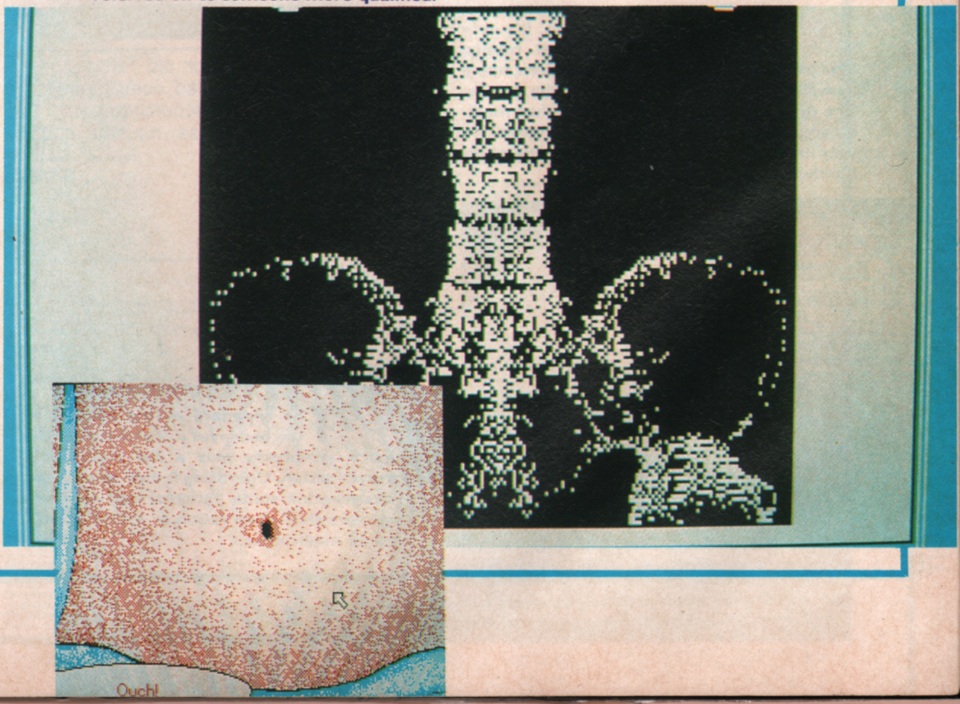
A budding surgeon's first port of call is the classroom, where initial instruction is doled out. When that's over and done with, the only time you get to see this place is when you make a mistake. Incorrect diagnoses and surgical errors are summarised by your tutor after you've dealt with a case.

Ever wondered what it feels like to stand over a pale, helpless anaesthetised body, with a mask over your face and a gleaming surgical scalpel in your hands? Well, thanks to an unforseen vacancy at Toolworks General, you've won the opportunity to become a surgical resident in the Department of Abdominal Surgery.

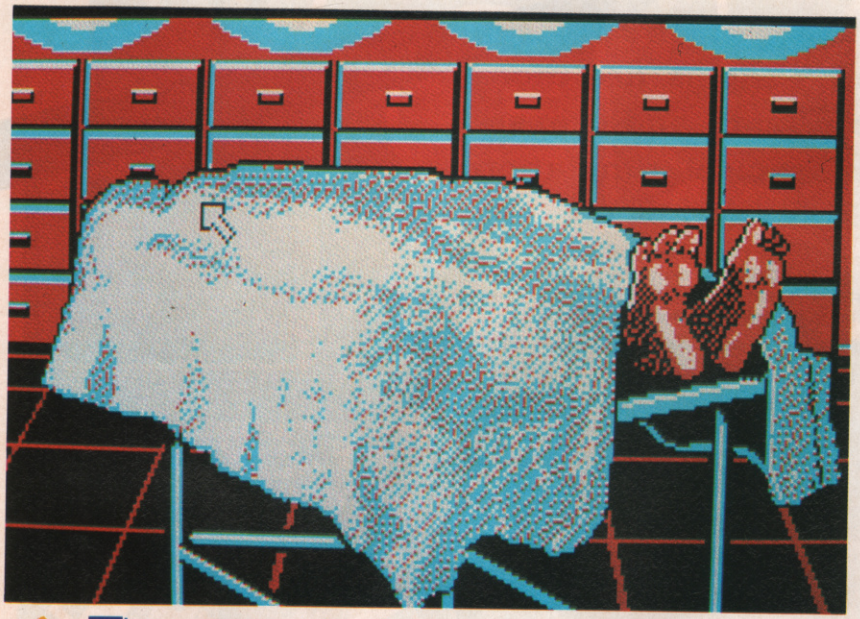
There are no academic requirements. All you need to do is decide whether to enter at Novice, Intermediate or Advanced level and swot up on the relevant chapter of Anatomy and Surgical Technique: then you too can experience what it feels like to tremble at the thrill of the surgeon's knife, cheat death with the point of a syringe and hold life to ransom with nothing but a bag of blood and a pair of plastic gloves.

Yeeuch!

X-rays show whether a patient is suffering from appendicitis or kidney stones. You can only perform appendectomies – anything more complicated must be referred on to someone more qualified.

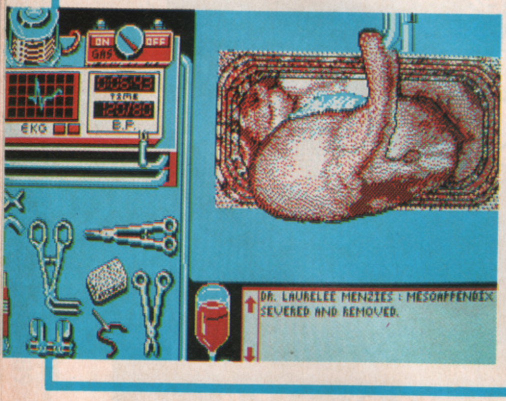


~~Death~~

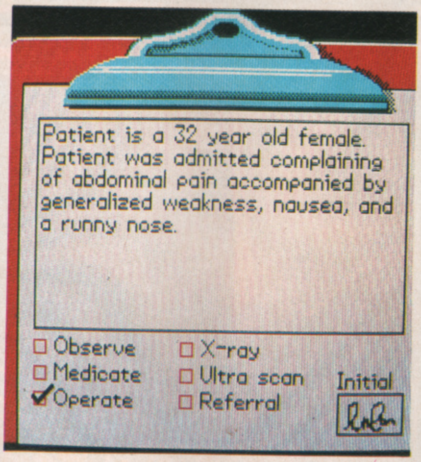


There are two ways to leave the hospital – this isn't the recommended route.

On the operating table, it's definitely procedure that counts. You pick up instruments, make incisions, apply anaesthetic and use clamps using the mouse. The drawers to the left contain further medical equipment and drugs. In advaned mode, it's very important to watch the ECG and administer the right medication quickly.



DR. LAURELEE MENZIES : MESOAPPENDIX SEVERED AND REMOVED.



Patient is a 32 year old female. Patient was admitted complaining of abdominal pain accompanied by generalized weakness, nausea, and a runny nose.

☐ Observe ☐ X-ray
☐ Medicate ☐ Ultra scan
☑ Operate ☐ Referral
Initial

The clipboard at the bottom of the bed gives a description of the patient's symptoms plus a list of possible courses of action. Operating is only one option: on examination some patients may need nothing more than observation or a dose of anti-bacterial medication.

PC

The idea of a game that actually lets you handle the surgeon's knife is just too attractive to resist – your imagination runs riot with images of brain surgery, cardiac arrests and complicated kidney transplants. That's why, depsite its outstanding originality, Life & Death comes as a bit of a disappointment. You only get to wet your scalpel on one sort of operation – appendectomy – and there are only two or three other non-surgical treatments which it's very easy to get the hang of. That's not to say the surgery itself isn't absorbing. Making accurate incisions, watching the ECG and administering the right drugs takes plenty of practice and leaves lots of room for improving your technique. What's ultimately lacking though, is variety. A bigger choice of operations would definitely improve long-term playability and reduce the sense of routine. The graphics are limited to CGA and become slightly indistinguishable on the operating table – subject matter like this would definitely benefit from the additional colours of EGA, especially when accurate procedures like clamping and cutting in exactly the right spot are so important. What little sound there is is helpful as an aural guide during cutting. For the curiosity value alone this is one package you have just got to see – and if you value originality more than variety you may end up buying it too.

PRICE	£24.99
RELEASE DATE	Out Now
GRAPHICS	60%
SOUND	52%
PLAYABILITY	72%
VALUE	65%

OVERALL 70%

ST

Complete with enhanced, possibly sampled, sound and full-colour graphics, the ST version should feature some more realistic representations of blood and gore. This too will set you back £24.99 and should be out now.

A

Scheduled to appear at the same time and price as the ST version, this should be more or less indistinguishable from its two cousins, with the exception of the obligatory sound enhancements.

PREMIER MAIL ORDER

TITLE	ATARI ST	AMIGA	PC
3D Pool	11.99	11.99	–
5 Star ST	14.99	–	–
6-88 Attack Sub	–	–	19.95
A-Max	–	134.95	–
A-Max with ROM	–	249.95	–
Abrahams Battle Tank	–	–	19.95
Action ST	13.99	–	–
Adv Rugby Sim	11.99	11.99	–
Adv Ski Sim	11.99	11.99	–
Afterburner	13.99	16.99	–
Airball	11.99	11.99	–
Airborne Ranger	14.99	14.99	–
Alien Legion	16.99	16.99	–
Alien Strike	–	3.99	–
Alien Syndrome	7.99	7.99	–
APB	12.99	12.99	–
Archepelagos	16.99	16.99	19.99
Arkanoid 2 Revenge	11.99	14.99	–
Armageddon Man	7.99	7.99	–
Armalyte	–	11.99	–
Baal	11.99	14.99	–
Balance of Power 1990	14.99	14.99	15.00
Ballistix	11.99	11.99	–
Ballyhoo	7.99	–	–
Barbarian 2 Pal	14.99	14.99	–
Barbarian Pal	11.99	11.99	–
Bard's Tale 1	8.99	8.99	8.99
Bards Tale 2	–	17.99	19.95
Batman Caped Crsdr	11.99	15.99	–
Batman the Movie	14.99	16.99	–
Battle Chess	16.99	16.99	17.95
Battlehawks 1942	16.99	16.99	17.00
Beach Volley	14.99	16.99	–
Bermuda Project	7.99	7.99	–
Black Tiger	13.99	–	–
Blackjack Academy	–	7.99	–
Blasteroids	9.99	9.99	–
Blood Money	16.99	16.99	–
Bloodwych	16.99	16.99	–
Bombuzal	9.99	9.99	–
Borrowed Time	–	–	7.95
Bratacus	9.99	–	–
California Games	16.99	16.99	–
Capone	17.99	19.99	19.99
Captain Blood	14.99	14.99	–
Carrier Command	14.99	14.99	14.95
Challenger	–	3.99	–
Chaos Strikes Back	14.99	–	–
Chessmaster 2000	'16.99	16.99	16.99
Chronoquest	18.99	18.99	19.95
Chuck Yeager AFT	–	–	19.95
Chuckie Egg 2	11.99	11.49	–
Circus Games	–	7.99	–
City Defence	–	3.99	–
Colossus Chess X	15.99	15.99	–
Corruption	14.99	14.99	14.95
Cosmic Pirate	11.99	14.99	–
Craps Academy	–	7.99	–
Crazy Cars	–	7.99	–
Crazy Cars 2	11.99	14.99	14.99
Cybernoid 2	11.99	11.99	–
Daley Thompson 88	11.99	14.99	14.95
Dark Castle	7.99	7.99	9.99
Dark Side	15.99	15.99	–
Day by Day	19.99	–	–
Deflektor	9.99	–	–
Degas Elite	17.99	–	–
Deja Vu	7.99	7.99	–
Deluxe Music Con Set	–	49.99	–
Deluxe Paint 3 1 meg	–	49.99	69.99
Deluxe Photolab	–	49.99	–
Deluxe Print 2	–	49.99	–
Deluxe Production	–	89.99	–
Deluxe Video	–	49.99	–
Denaris	–	16.99	–
Devpac 2	55.99	–	–
Digicalc	35.99	–	–
Dominator	13.99	13.99	13.99
Double Dragon	11.99	11.99	15.99
Dragon Ninja	12.99	15.99	–
Dragonslair 1 Meg	–	29.99	–
Driller	14.99	14.99	–
Dungeon Master	15.99	15.99	–
Eliminator	13.99	13.99	–
Elite	14.99	14.99	–
Emanuelle	11.99	11.99	11.95
Empire	17.99	19.99	19.95
Empire Strikes Back	11.99	11.99	–
Espionage	11.99	11.99	11.95
F 15 Strike Eagle	14.99	–	14.95
F 16 Combat Pilot	16.99	16.99	16.95
Fahrenheit 451	7.99	–	–
Falcon F16	14.99	19.99	24.95
Falcon Mission Disk 1	13.99	13.99	–
Fantavision	–	29.99	–
Fast Basic Disc	31.99	–	-
Fast Basic Rom	62.99	–	–
Fast Break	–	16.99	19.95
Fed Free Trade	19.99	19.99	–
Fenandez Must Die	7.99	7.99	–
Ferrari Formula 1	16.99	16.99	19.95
Financial Controller	430.0	–	–
Firepower	–	–	12.99
Firezone	–	7.99	–
Fish	14.99	14.99	14.95
Flairpaint	32.99	–	–
Fleet St Editor	110.0	–	–
Flight Sim 2	26.99	26.99	32.95
Flt Disc 7 or 11	13.99	13.99	–
Flt Disc European	13.99	13.99	19.95
Flt Disc Japan	13.99	13.99	19.95
Flt Discs 1 to 7	–	–	11.95
Flying Shark	14.99	14.99	–
Fonts	22.99	–	–
Foot Man 2 Exp Kit	8.99	8.99	8.99
Football Director 2	11.99	11.99	11.95
Football Manager 2	11.99	11.99	11.95
Fortress Underground	–	3.99	–
Foundations Waste	8.99	8.99	–
Frightnight	11.99	11.99	–
Fun School 2 (6 to 8)	15.99	15.99	15.99
Fun School 2 (over 8)	15.99	15.99	15.99
Fun School 2 (under 6)	15.99	15.99	15.99
Fusion	16.99	16.99	–
Galactic Conqueror	14.99	14.99	14.95
Galactic Invasion	–	7.99	–
Galdregons Domain	12.99	12.99	–
Garfield	9.99	9.99	–
Garfield Winter	12.99	12.99	–
Gauntlet	–	–	16.99
GFA Basic VS	59.99	–	–
GFL Football	–	–	9.99
Gilbert Escape Drill	11.99	11.99	–
Golden Path	7.99	7.99	–
Goldrunner	7.99	7.99	–
Grand Prix Circuit	–	16.99	–
Grand Prix Sim 2	11.99	11.99	–
Guerilla War	11.99	14.99	–
Gunship	14.99	14.99	25.95
Hacker 2	7.99	7.99	–
Hawkeye	12.99	12.99	–
Hellfire Attack	9.99	9.99	–
Helter Skelter	9.99	9.99	–
Heroes of Lance	16.99	16.99	16.95
Hi-soft Basic	75.99	–	–
Hitchikers Guide	–	–	9.99
Hollywood Hijinks	7.99	–	9.99
Home Accounts	22.99	–	–
Hostages	14.99	14.99	14.99
Hot Football	9.99	9.99	–
Hunt for Red October	14.99	14.99	–
Hybris	–	19.99	–
Inc Shrink Sphere	7.99	7.99	–
Indy Jones/Action	13.99	13.99	13.99
Indy Jones/Adventure	16.99	16.99	16.99
Insanity Flight	–	7.99	–
Interceptor	–	15.99	–
Int Karate +	13.99	16.99	–
It Came From The Desert	–	19.99	–
Jack Nicklaus Golf	15.99	15.99	–
Jet	26.99	26.99	26.95
Joan of Arc	13.99	16.99	13.95
Joe Blade 2	9.99	9.99	–
Jorday v Bird	–	–	17.99
Juggler	22.99	–	–
Jump Jet	–	3.99	–
Karting Grand Prix	7.99	–	–
Kennedy Approach	14.99	14.99	–
Kick Off	11.99	11.99	–
Kind Words 2	–	34.99	–
King of Chicago	16.99	–	9.99
Kings Quest 4	21.99	21.99	–
Kristal	17.99	17.99	19.95
Kult	14.99	14.99	14.99
L'board Birdie	13.99	16.99	–
Lancelot	11.99	12.99	11.95
Las Vegas	7.99	–	–
Last Duel	10.99	10.99	–
Leather Goddess	–	–	9.99
LED Storm	13.99	13.99	–
Legend of Djel	16.99	16.99	–
Leisure Suit Larry 1 or 2	19.99	19.99	19.99
Licence to Kill	12.99	12.99	12.99
Life and Death	16.99	16.99	16.99
Lombard RAC Rally	14.99	14.99	16.99
Lords of the Rising Sun	–	19.99	–
Manhatton Dealer	11.99	14.99	14.95
Maniac Mansion	–	–	11.99
Manix	–	7.99	–
Maria Whittaker	9.99	9.99	9.99
Masters of Universe	9.99	–	–
Mastersound	32.99	–	–
Mayday Squad	11.99	12.99	–
Menace	11.99	12.99	–
Microprose Soccer	14.99	14.99	15.99
Mike the Dragon	–	3.99	–
Millenium 2.2	16.99	16.99	16.99
Mindfighter	–	7.99	–
Mindshadow	7.99	–	–
Mini Office Comms	16.99	–	–
Mini Office Personal	–	–	22.95
Mini Putt	–	–	16.99
Minioffice Spread	16.99	–	–
Montezumas Revenge	–	–	6.99
Moonmist	7.99	–	–
Motor Massacre	13.99	13.99	–
Navcom 6	16.99	16.99	–
Navy Moves	13.99	16.99	16.99
Nebulus	13.99	17.99	–
Netherworld	13.99	17.99	–
Neuromancer	–	–	19.95
New Zealand Story	14.99	16.99	–
Nigel Mansell	7.99	7.99	–
Nighthunter	13.99	–	–
Nord and Bert	–	7.99	9.99
Northstar	9.99	–	–
Operation Hormuz	12.99	12.99	12.99
Operation Neptune	14.99	14.99	14.95
Operation Wolf	11.99	14.99	11.95
Orbiter	9.99	–	–
Outrun	8.99	8.99	–
Outrun Europa	9.99	9.99	–
P O W	19.99	19.99	–
Pacland	11.99	11.99	–
Pacmania	11.99	11.99	–
Paperboy	11.99	14.99	–
Per Finance Manager	27.99	–	–
Perry Mason	7.99	–	–
Personal Pascal	75.99	–	–
Peter Beardsley Soccer	12.99	7.99	–
Phalanx 2	–	3.99	–
Phantom Fighter	–	7.99	–
Phobia	9.99	9.99	–
Pioneer Plague	–	14.99	–
Pirates	15.99	–	–
Platoon	11.99	14.99	–
Police Quest 1 or 2	16.99	16.99	16.99
Pool of Radiance	16.99	16.99	16.95
Populous	16.99	16.99	19.99
Populous Promised Land	8.99	8.99	–
Power Basic	47.99	–	–
Powerdrome	16.99	16.99	–
Precious Metal	15.99	15.99	–
Premier Collection	18.99	18.99	–
Prison	11.99	11.99	–
Protext	85.99	–	–
Psion Chess	16.99	–	16.95
PT 109	–	–	14.99
Puffys Saga	17.99	–	–
Purple Saturn Day	14.99	14.99	14.95
Quantox	–	3.99	–
R Type	13.99	16.99	–
Rack Em	–	–	19.95
Raffles	11.99	14.99	–
Raider	–	11.99	–
Rainbow Island	15.99	15.99	–
Rainbow Warrior	15.99	15.99	–
Rambo 3	11.99	–	–
Reach for Stars	–	16.99	17.95
Real Ghostbusters	16.99	16.99	–
Red Heat	12.99	15.99	–
Red Storm Rising	–	–	25.99
Renegade 1 or 3	12.99	15.99	12.99
Replay 4	75.99	–	–
Return of Jedi	7.99	11.99	–
Return to Genesis	11.99	11.99	–
Rick Dangerous	15.99	15.99	–
Road Blasters	13.99	13.99	–
Robocop	12.99	15.99	12.95
Rocket Ranger	16.99	19.99	19.95
Roger Rabbit	–	9.99	–
Rolling Thunder	13.99	16.99	–
Romantic Encounters	–	7.99	–
Run the Gauntlet	11.99	15.99	11.99
Running Man	14.99	14.99	16.99
RVF Honda	14.99	14.99	–
Sage Accountant	160.00	–	–
Sage Accountant +	260.00	–	–
Sage Bookeeper	105.00	–	–
Sargon III Chess	14.99	14.99	–
Savage	14.99	14.99	14.95
SDI (Activision)	7.99	–	–
SDI (Cinemaware)	9.99	–	–
Seastalker	–	7.99	–
Seconds Out	–	7.99	–
Sentinel	11.99	11.99	–
Sentinel Worlds	–	–	17.99
Serve & Volley	–	–	17.95
Shadowgate	9.99	9.99	–
Shanghi	–	–	9.99
Shoot Em Con Kit	19.99	19.99	–
Silent Service	14.99	14.99	14.95
Silkworm	12.99	12.99	–
Skate or Die	17.99	17.99	17.99
Skullduggery	7.99	–	–
Skychase	7.99	7.99	–
Sleeping Gods Lie	14.99	14.99	14.99
Small Bus Accounts Cash	75.99	–	–
Small Bus Accounts Xtra	105.99	–	–
Soldier of Light	7.99	–	–
Space Harrier 2	13.99	16.99	–
Space Quest 1 or 2	–	–	16.99
Speedball	14.99	14.99	19.95
Spellbreaker	–	7.99	–
S.T.A.C.	26.99	–	–
Stag	14.99	14.99	–
Starfleet 1	–	19.99	19.95
Starflight	–	–	19.95
Starglider 2	14.99	14.99	14.95
Steve Davis Snooker	11.99	12.99	–
Stockmarket	–	7.99	–
Storm Trooper	11.99	14.99	–
STOS	19.99	–	–
STOS Compiler	13.99	–	–
STOS Maestro	16.99	–	–
STOS Sprites 600	11.99	–	–
Street Fighter	13.99	16.99	–
Strike Fleet	–	–	16.99
Strike Force Harrier	7.99	7.99	–
Strip Poker 2+	9.99	9.99	–
Stuntcar Racer	15.99	15.99	–
Sundog	7.99	–	–
Super Hangon	13.99	16.99	–
Super Prof	230.00	–	–
Superbase Personal	–	59.95	–
Superbase Personal 2	91.99	–	–
Superman	14.99	14.99	14.95
Sword of Sodan	–	14.99	–
KO	–	–	19.95
Talespin	17.99	17.99	17.99
Tank Attack	14.99	14.99	–
Tass Times	7.99	–	–
Tech	13.99	13.99	–
Technocop	13.99	13.99	13.95
Teenage Queen	11.99	11.99	–
Testdrive 2 The Duel	–	21.99	–
Tetra Quest	–	7.99	–
Tetris	7.99	7.99	–
Theatre Europe	14.99	14.99	16.99
Thedder	–	7.99	9.99
Three Stooges	–	7.99	9.99
Thunderbirds	16.99	16.99	–
Thunderblade	13.99	16.99	–
Tiger Road	13.99	17.99	–
Time & Magik	12.99	12.99	12.95
Times of Lore	14.99	14.99	–
Titan	14.99	14.99	–
Tracers	–	7.99	–
Tracksuit Manager	11.99	11.99	–
Trantor	11.99	–	–
Trantor	7.99	–	–
Triad	18.99	18.99	–
Triv Pursuit	11.99	–	14.95
Triv Pursuit New Begin	12.99	12.99	–
riva Trove	3.99	3.99	–
Turbo ST	37.99	–	–
TV Sports Football	14.99	17.99	19.95
Typhoon	9.99	–	–
Typhoon Thompson	11.99	11.99	–
Ultima 4	–	14.99	–
Ultimate Golf	13.99	13.99	13.95
UMS Scenario 1	8.99	8.99	8.95
UMS Scenario 2	8.99	8.99	8.95
Uninvited	11.99	–	–
Univ Military Sim	14.99	14.99	14.95
Verminator	14.99	14.99	14.95
Victory Road	11.99	14.99	11.95
Vigilante	10.99	10.99	10.99
Vindicators (Domark)	12.99	12.99	–
Virus	12.99	12.99	–
Virus Killer	–	8.99	–
Vixen	7.99	7.99	–
Voyager	12.99	15.99	–
W Class Leaderboard	–	8.99	–
W Gretzky Hockey	–	24.99	–
Wanderer 3D	11.99	11.99	–
War in Middle Earth	14.99	14.99	–
Waterloo	14.99	14.99	14.99
Weird Dreams	14.99	14.99	14.99
Wercs	27.99	–	–
Wercs +	47.99	-	-
Winter Olympiad	–	7.99	–
Wishbringer	7.99	–	–
Word Perfect	222.99	–	–
Word Up	56.99	–	–
Xenon	11.99	14.99	–
Xenon 2 Megablast	16.99	16.99	–
Xenophobe	15.99	15.99	–
Xybots	12.99	12.99	–
Zac McKracken	16.99	16.99	–
Zany Golf	13.99	16.99	16.99
Zork 1 or 2	7.99	–	–
Zynaps	–	7.99	–

SEGA SOFTWARE

Action Fighter	18.99
Afterburner	22.99
Alex Kid	18.99
Alex Kid in Miracle World	20.99
Alex Kid Lost Stars	22.99
Alien Syndrome	22.99
Altered Beast	22.99
Astro Warrior	18.99
Aztec Adventure	20.99
Black Belt	18.99
Blade Eagle 3D	22.99
Bomber Raid	22.99
California Games	25.99
Captain Silver	22.99
Choplifter	18.99
Cyborg Hunter	22.99
Double Dragon	22.99
Enduro Racer	18.99
F16	13.99
Fantasy Zone	18.99
Fantasy Zone 2	22.99
Fantasy Zone 3	22.99
Gangster Town	18.99
Ghost House	13.99
Global Defence	18.99
Gorvelious	22.99
Great Baseball	20.99
Great Football	20.99
Great Golf	20.99
Great Volleyball	20.99
Kemseiden	22.99
Kung Fu Kid	20.99
Lord of the Sword	22.99
Miracle Warrior	29.99
Missile Defence 3D	22.99
Monopoly	27.99
My Hero	13.99
Ninja	20.99
Outrun	22.99
Penguin Land	27.99
Phantasy Star	36.99
Power Strike	20.99
Pro Football	22.99
Pro Wrestling	18.99
Quartet	20.99
R Type	27.99
Rambo 3	22.99
Rampage	22.99
Rastan	22.99
Rescue Mission	20.99
Rocky	22.99
Secret Command	20.99
Shanghai	20.99
Shonobi	22.99
Shooting Gallery	20.99
Space Harrier	22.99
Spy V Spy	13.99
Super Tennis	13.99
Teddy Boy	13.99
Thunderblade	13.99
Time Soldiers	22.99
Transbot	13.99
Vigilante	22.99
Wonderboy	20.99
Wonderboy Monster Land	22.99
World Grand Prix	20.99
World Soccer	20.99
Zanxon 3D	22.99

SEGA HARDWARE

3D Glasses	39.95
Light Phaser	29.95
Light Phaser + S/ware	44.95
Master System (+S/w)	79.95
Master System + Gun & Glasses	129.95
Master System + Phaser	99.95
Rapid Fire Unit	5.99

Please send cheque PO Access Visa number and expiry date to:

TRYBRIDGE LTD

Dept THO8, 8 Buckwins Square, Burnt Mills,
Basildon, Essex SS13 1BJ. Tel 0268 590766

P&P inc UK on orders over £5.00. UK orders under £5.00 add 50p per item. Europe add £1 per item. Elsewhere add £2.00 per item. These offers available by **MAIL ORDER** only. Telephone: 0268 590766

New releases sent on day of release

YUPPIES COMPUTER CLUB

81 THURMOND CRESCENT, STANMORE, WINCHESTER, HAMPSHIRE SO22 4DH

An amazing offer for ATARI ST and AMIGA owners

AMIGA

XYBOTS
Code 001
£11.80

LORDS OF THE RISING SUN
Code 002
£12.45

VINDICATORS
Code 003
£7.95

KRISTAL
Code 004
£9.60

PURPLE SATURN DAY
Code 005
£3.25

ELIMINATOR
Code 006
£7.50

ATARI ST

XYBOTS
Code 010
£9.60

RED HEAT
Code 020
£9.60

RUNNING MAN
Code 030
£9.60

PURPLE SATURN DAY
Code 040
£3.25

HAWKEYE
Code 050
£9.60

MILLENIUM 2.2
Code 060
£9.60

If you don't see the title you want advertised here, just write to us with a choice of 3 games and we will send you a special introductory price on the games of your choice.
Join Yuppies Computer Club and get most Atari ST and Amiga games for an amazing discount of upto 60%. As a member your only commitment to us is to buy 1 game every 2 months. Your membership is automatically cancelled after 1 year after which tiem you may renew it if you wish.

PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO: **YUPPIES COMPUTER CLUB** (add £1.50 p&p to each game you purchase. Please allow 28 days for delivery).

Atari: Code 010 020 030 040 050 060

Amiga: Code 001 002 003 004 005 006

Please circle Code No of your choice.

Mr/Mrs/Ms: ____________ Address: ____________

____________ Post Code: ____________

Parent/Guardian Signature (if under 18) ____________

THE GAMES SHACK

"FOR ALL YOUR SOFTWARE REQUIREMENTS"

Tel. (0639) 894211 – 24 Hr.

MAIL ORDER Dept THO
6 Phoenix Avenue
Margram
Port Talbot
W. Glamorgan
S. Wales SA13 2LS
Tel: (0639) 894211

TITLE	ST	AMIGA
Airborne Ranger	16.79	16.79
A Question of Sport	13.64	16.79
Amiga Gold Hits		16.79
Archipelagos	16.79	16.79
Armalyte	13.64	13.64
Baa	13.64	13.64
Batman	13.64	13.64
Bard's Tale I or II	16.79	16.79
Battle Hawks 1942	16.79	16.79
B.A.T.	16.79	16.79
Balance of Power 1990	16.79	16.79
Ballistiks	13.64	13.64
Barbarian II (Palace)	13.64	13.64
Battle Chess	16.79	16.79
Bio Challenge	13.64	16.79
Bionic Commando	13.64	16.79
Blasteroids	13.64	16.79
Black Lamp	13.64	13.64
Blood Money	16.79	16.79
Bobuzai	16.79	16.79
Buggy Boy	13.64	16.79
Bubble Bobble	13.64	13.64
Carrier Commander	16.79	16.79
Combat School	13.64	16.79
Corruption	16.79	16.79
Cosmic Pirates	13.64	13.64
Custodian	13.64	13.64
Crazy Cars II	16.79	16.79
Cybernoid II	13.64	13.64
Dark Side*	Phone	Phone
Deluxe Paint III		49.95
Degas Elite	16.79	
Denaris		13.64
Dragons Lair		29.99
Dragon Ninja	13.64	16.79
Double Dragon	13.64	13.64
Dungeon Master	16.79	16.79
Driller	16.79	16.79
Elite	16.79	16.79
Eliminator	13.64	13.64
Falcon	16.79	19.95
F16 Combat Pilot	16.79	16.79
Fernandez Must Die	16.79	16.79
Fed of Free Traders	19.95	19.95
Fish	16.79	16.79
Fire & Forget	16.79	16.79
Forgotton Realms	13.64	13.64
Fusion	16.79	16.79

TITLE	ST	AMIGA
Football Director II	13.64	13.64
Gauntlet II	13.64	
Gemini Wing	13.64	13.64
Guerilla War	13.64	16.79
Gunship	16.79	
Goldrunner I or II	13.64	13.64
Gryzor	13.64	16.79
Ghosts and Goblins	13.64	16.79
Hostages	16.79	16.79
Interceptor		16.79
IK+	13.64	16.79
International Soccer	13.64	13.64
Incredible Shrinking Sphere	13.64	16.79
Iron Lord	16.79	16.79
Jack Nicklaus 18 hole golf	Phone	Phone
Joan of Arc	13.64	16.79
The Kristal	19.95	19.95
Leaderboard Birdie	16.79	16.79
Legend of the Sword	16.79	16.79
L.E.D. Storm	13.64	13.64
Lombard R.A.Ç. Rally	16.79	16.79
Leathernecks	13.64	13.64
Lord of the Rising Sun		19.99
Manhattan Dealers	13.64	16.79
Menace	13.64	13.64
Microprose Soccer	16.79	16.79
1943	13.64	16.79
Navy Moves*	13.64	16.79
Netherworld	13.64	13.64
Nightraider	13.64	13.64
Nebulus	13.64	13.64
Operation Neptune	16.79	16.79
Operation Wolf	13.64	16.79
Outrun Europa*	Phone	Phone
Paperboy*	13.64	16.79
Pacmania	13.64	13.64
Pacland	13.64	13.64
Phantom Fighter		13.64
Pioneer Plague		16.79
Power Play	13.64	13.64
Populous	16.79	16.79
Powerdrome	16.79	16.79
Pools of Radiance	13.64	16.79
Purple Saturn Day	16.79	16.79
Puffy's Saga	16.79	16.79
Premier Collection	19.95	19.95
Precious Metal	16.79	16.79
Red Heat*	13.64	16.79

TITLE	ST	AMIGA
Real Ghostbusters	13.64	13.64
Renegade	13.64	16.79
Roadblasters	13.64	13.64
Robocop	13.64	16.79
R-Type	13.64	16.79
Rocket Ranger	16.79	16.79
Return of the Jedi	13.64	13.64
Run the Gauntlet	13.64	16.79
RVF*	Phone	Phone
Shinobi	13.64	13.64
Shadow Gate	16.79	16.79
Shoot 'em up Construction Kit	16.79	16.79
Silk Worm	13.64	13.64
Space Harrier I or II	13.64	16.79
Starglider I or II	16.79	16.79
Skweek*	13.64	13.64
Skate or Die*	16.79	16.79
Skateball	16.79	16.79
ST Five Star	16.79	
Stargoose	13.64	13.64
STOS	19.95	
Speedball	16.79	16.79
Super Hang-On	13.64	16.79
Sword of Sodan		19.95
Tangled Tales*	Phone	Phone
Techno Cop	16.79	16.79
Titles ST	29.99	
Test Drive I or II	16.79	16.79
Track Suit Manager	13.64	13.64
Trivial Pursuit	13.64	13.64
Triad	19.95	19.95
Time and Magic	13.64	13.64
Times of Lore	16.79	16.79
TV Sports Football		19.95
Ultima V		19.95
Victory Road	13.64	16.79
Vindicators	13.64	13.64
Virus	13.64	13.64
Video Studio		92.00
War in Middle Earth	16.79	16.79
Where Time Stood Still	13.64	16.79
WEc Le Mans	13.64	16.79
Xybots*	13.64	13.64
Xenon	13.64	13.64
Xenon II Megablast*	16.79	19.95
Xenophobe	Phone	Phone
Zany Golf	16.79	16.79
Zack McCracken	16.79	16.79

We also stock a full range of 8-bit and console software. There are also many more titles that are not listed above. Software that is not yet released shall be dispatched on availability. * software not released at time of going to press. Prices include V.A.T. and U.K. postage. 24 hour dispatch subject to availability. We also stock a wide range of hardware.

THIS MONTH!

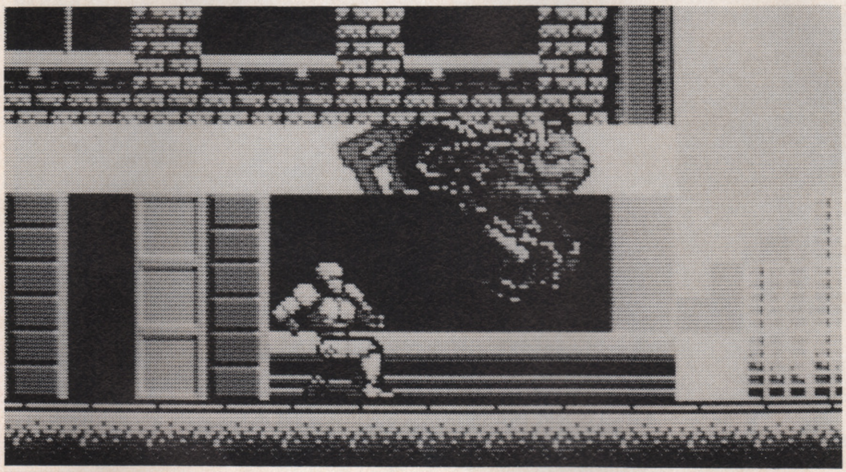
- Walk like an Egyptian in **RICK DANGEROUS!**
- **LAST CRUSADE** aid!
- Whip up a storm with **TYPHOON THOMPSON!**

TIPS

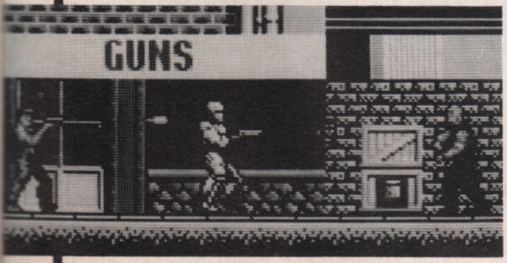
ROBOCOP

Ocean

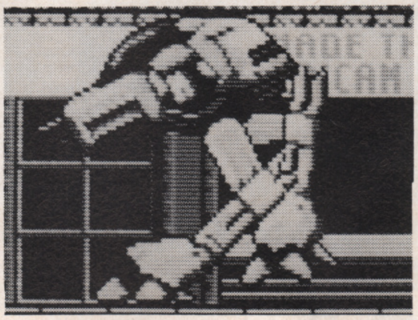
▷ Peter Johnson, currently taking a rest after finishing the Amiga version, provided these tips to get you off the mark... Remember that all the attack waves, and movement patterns of the enemies, are preset – nothing is randomised. With this in mind, it doesn't take too long to learn what's about to appear and get ready to deal with it.



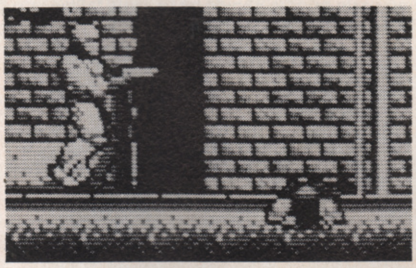
▼ **This situation requires speedy reactions to get past with the minimum of damage. Using your three-way firepower (which by now you should have collected), shoot the bald guy's bullets before they have a chance to explode near you, then walk up to the stack of crates. Punch out the first one, then take a step back and shoot the grenade-thrower. You are now clear to break open the other crate, which reveals a jar of baby food.**



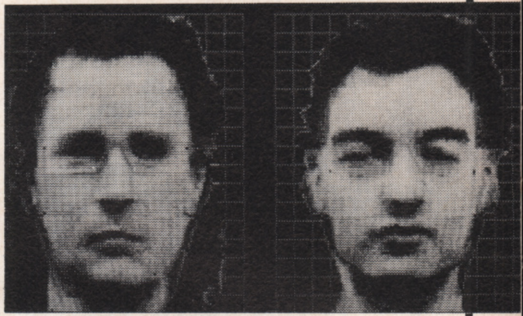
▼ **The infamous ED-209 takes between 12 and 20 shots to kill, and all of these must hit in the head section – leg shots don't count. Keep jumping and firing while in the air to hit ED in the head, and try to knock him out before he reaches the far left of the screen, where he causes the most damage.**



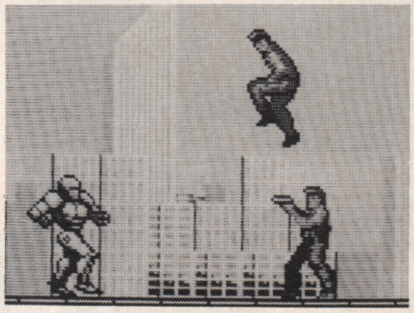
▼ **To deal with motorbikes, kneel down and punch them as they approach. As they go past, turn round and punch them again to finish them off.**



▲ **One of the most common types of assailants are those who shoot at you from open windows. Most people initially try to shoot them out, before quickly turning tail and running away – but this invariably results in RoboCop getting shot in the foot. A much better method is to jump diagonally forwards as you enter the criminal's line of fire, allowing you to evade his bullets – and you land in a prime position to shoot him!**

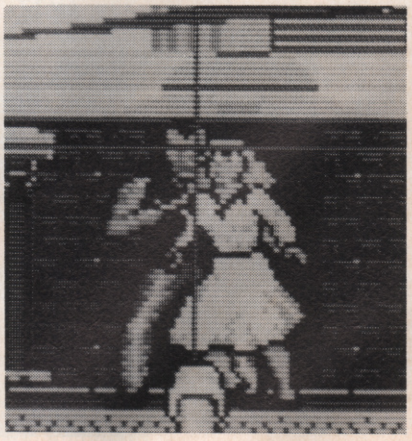


▲ **Always match the hair up first – it's the easiest to do. The eyes, chin and mouth are easy too, but some of the noses and ears look very similar, so it can be difficult to choose the right one. To match the noses, concentrate more on the cheeks than the nose itself, as it's easier to spot differences in the pixel patterns.**



▲ **The more athletic criminals are some of the most difficult to deal with, and care must be taken not to allow them to land on you, which causes the most damage. The best tactic is to shoot them while they are in the air, as this is when they don't shoot at you – if you have three-way firepower, this is made a lot easier. The same tactic works for the hurdling chainsaw-wielders on Level Two.**

▼ **Your move, creep! To take out the perp, aim your crosshair just slightly away from him in the direction he is moving. The ideal spot to aim for is just over the hostage's head.**

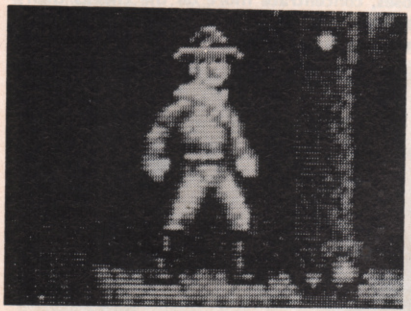


TIPS

INDIANA JONES AND THE LAST CRUSADE

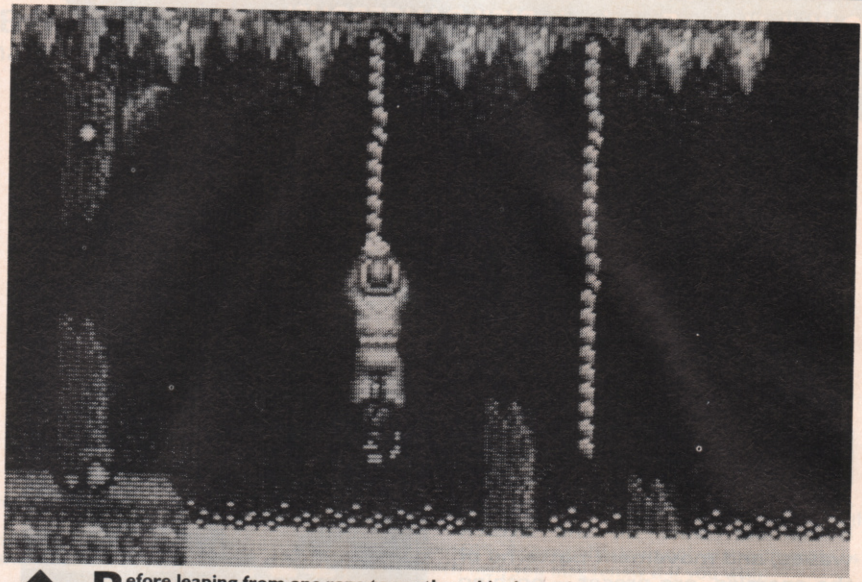
US Gold

▷ Tiertex's Donald Campbell dons felt hat and leather jacket to guide you through the ins and outs of the action game...

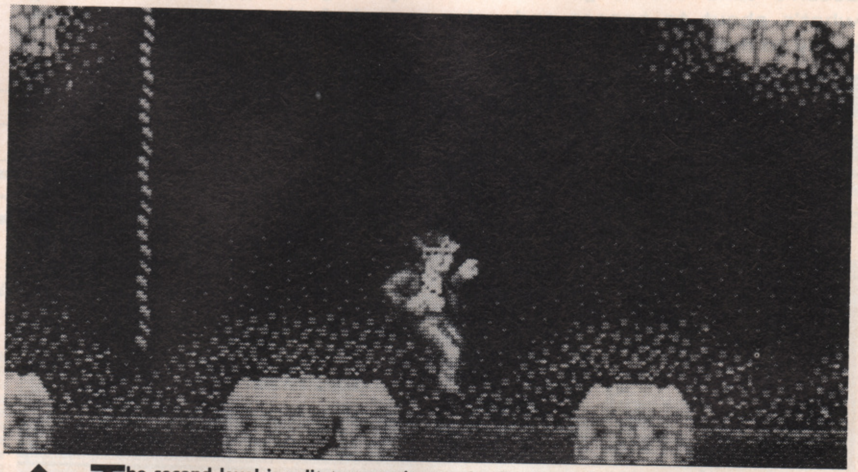


▲ **Level One sees young Indy attempting to rescue the Cross of Coronado. Since much of this level takes place in an underground cave system, light fades as you venture deeper into the catacombs. This is put to rights by collecting the torches that adorn the cave walls. Torches don't last forever though, so it's necessary to keep hunting for them so you have a fresh one ready to go for when the one you're carrying runs out.**

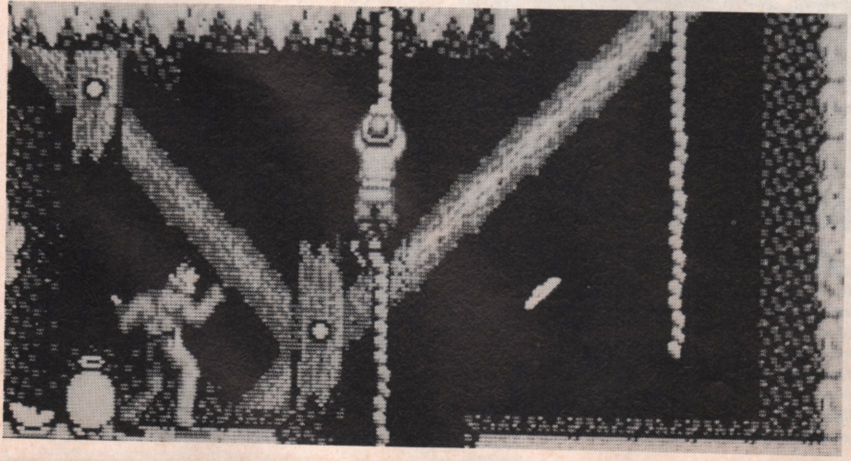
▼ **Avoiding the Indian knife-throwers is easy – if you know how. Stay out of his range (as on this screen, just above him) and wait for him to throw a knife. As soon as he's thrown it, run past him – you have a few seconds to do so before he throws another one.**

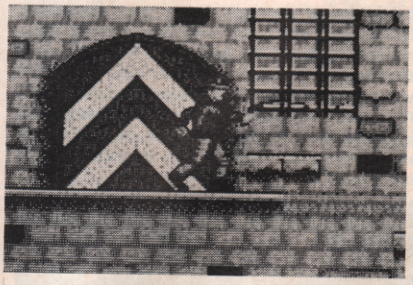


▲ **Before leaping from one rope to another, shin down the rope as far as possible. If you don't there's a good chance of banging your head on the ceiling as you jump, and plummeting to your death...**



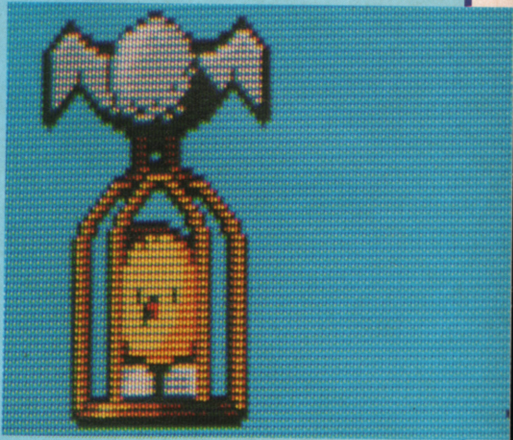
▲ **The second level is split two sections – the first is set in the underground tomb in Venice and the second in Castle Brumwald, Germany. The objective of the first section is to locate the shield of the Grail Knight which allows access to the second – along the way your main priority should be to avoid falling into the muddy pits, as this causes more damage than the falling fireballs or the rats.**





▲ **In the second section the object is to reach the top of the castle by swinging from ledge to ledge using the whip and climbing trellises. You have to be economical with the whip, as you can only crack it five times. Watch out for the lightning that loosens sections of the trellis – the timer gives you an idea of when it's about to strike.**

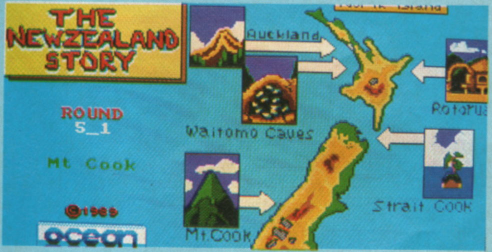
The New Zealand Story



Choice's choice conversion of the cute Taito coin-op has got kiwis worldwide in a flap. It's more addictive than a box of Trill but also more difficult to finish. Fortunately help is at hand (or should that be wing-tip?) with the team's top tips.

THE NEW ZEALAND STORY

Psychotic Walrus loves fresh kiwi – so much so he's kidnapped Tiki's relatives and hidden them in 20 multi-directional scrolling locations, or Rounds, spread even across five levels. Only Tiki can save the 'kin day – not to mention his 'kin kin!

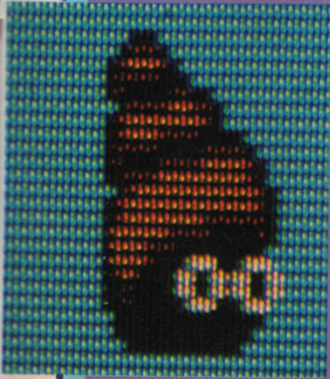


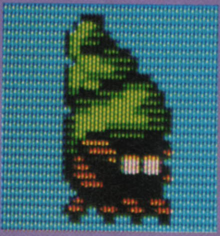
BAD BOYS

The Walrus' pals are unkind and keen to see a brave kiwi falter. Not all are deadly to the touch, but all should be shot or avoided.

SHELLS

Walk left and right until they reach the end of a platform, whereupon they turn. Shells shoot one shot in their current direction.



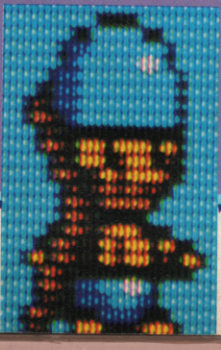


CRABS

Walk on platforms and shoot like the Shells, but drop off platforms when Tiki is below.

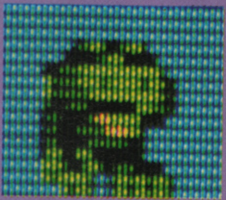
BOOMERANG MEN

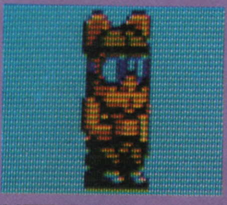
Walk on platforms and follow Tiki's movements. These boys throw boomerangs and don't move until it returns and is caught.



CANNON FROGS

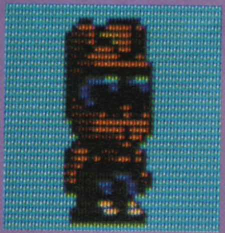
Always jump and only turn at walls. They also explode shots when Tiki is above.





LITTLE PIGS

Try to get the same height as Tiki so they can shoot at him. When Tiki moves too far away, they follow.

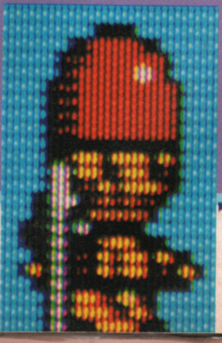


FANCY PIGS

Move towards Tiki, shoot at him then wait a bit before shooting again.

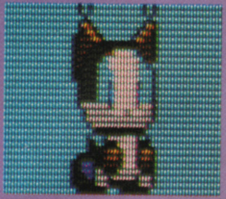
SPEAR GUYS

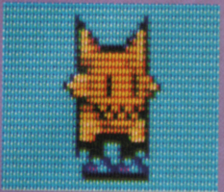
Move until they are below Tiki, then they stop, throw spears, wait to catch them and throw again.



KITTY ROBOTS

Try to stay at the same height as Tiki so they can throw their axes.



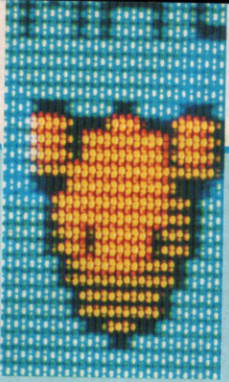


PRICKLIES

Walk on platforms and look to see if Tiki is above so they can jump towards him. Otherwise they continue walking.

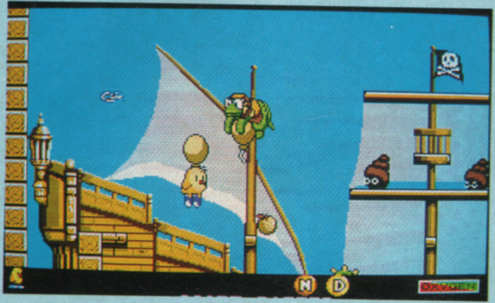
BALLOONS

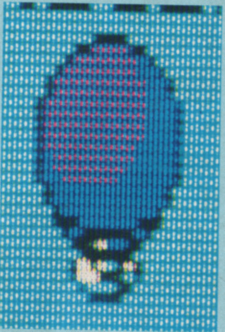
Get around the Rounds in style. Blast or bounce the bad boys off their transport to go for a ride. Some balloons fall to the floor unless the joystick is pushed up.



TEDDY BALLOON

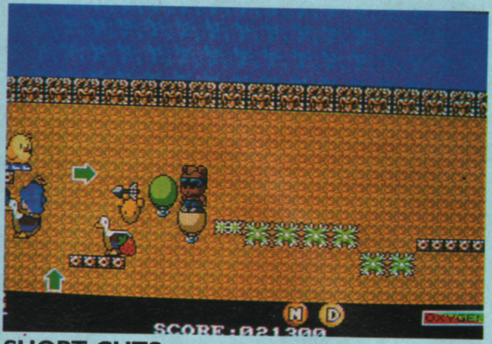
A smaller version of the Normal Balloon.





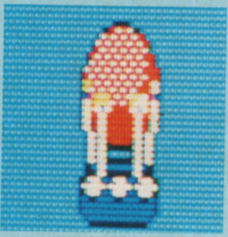
REVIVING BALLOON

Also has all the features of the Normal Balloon, but it takes several shots to burst it.



SHORT CUTS

There are a few dotted around. This one on 2-2 saves you going round the houses. Jump from here, into the water, then swim along the bottom of the 'pool' (avoiding the Anemone). Replenish oxygen in the gap along the way, then swim aorund the end of the Round.

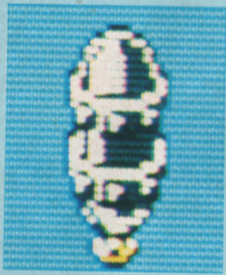


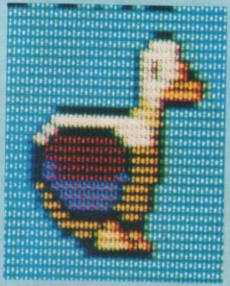
NORMAL BALLOON

Tiki can jump on this and use it to float in the direction he wants. It explodes when shot.

METAL BALLOON

Can only be destroyed by a Laser Bolt.



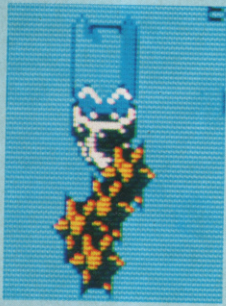


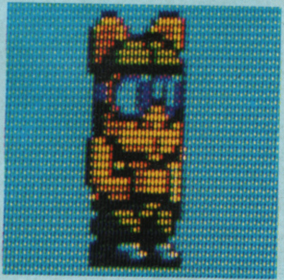
DUCK BALLOON

Has all the features of the Normal Balloon but can also squeeze into tight spots that the Normal Balloon cannot.

THORN BALLOON

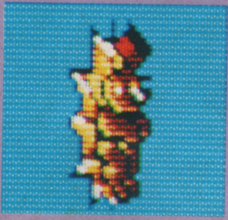
Kills Tiki or the enemy when they touch its thorns.





UFO BALLOON

Fires laser bolts in the direction it moves.

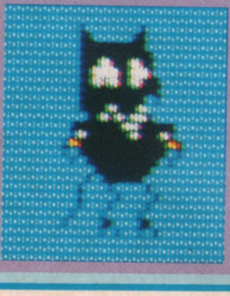


PORCUPINES

Try to maintain a vertical separation from Tiki until they are directly above him, then they descend.

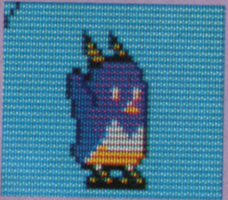
RAT 20s

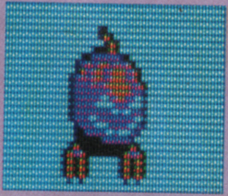
Try to touch Tiki. Watch out.



PENGUINS

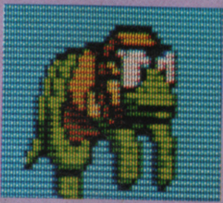
Move towards Tiki until they are within range, then they throw a rock, wait and repeat.





PUMPKIN BATS

Maintain vertical separation until they are above Tiki then drop bombs.

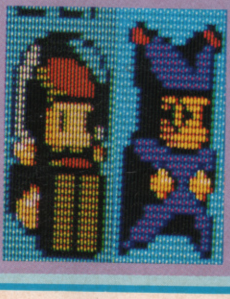


TORTOISES

Move towards Tiki and shoot at him when they are at the same height.

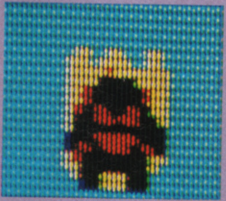
ELVES AND CLOWNS

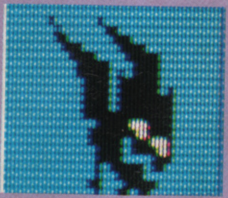
Move about then stop and shoot.



SPARKLES

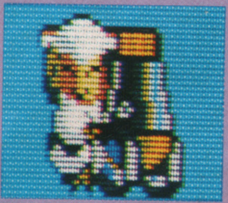
Multiply and are deadly to the touch.





BATS

Travel in pairs. Fly in the same direction as Tiki when they first appear and drop stalactites when over his head.

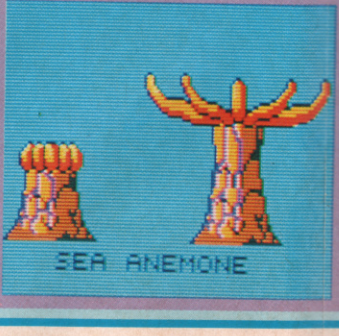


SHEEP

Move left or right on platforms and shoot out of their cannons.

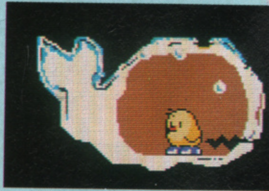
SEA-ANEMONES

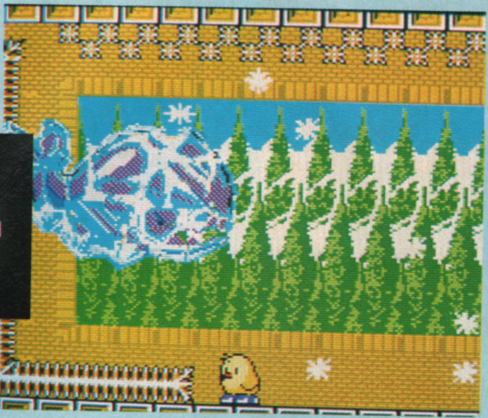
Catch and swallow Tiki if he swims too near.



BOSSES

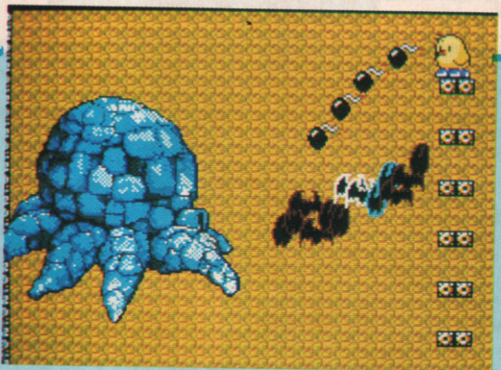
The walrus' bestest buddies are also the biggest and baddest and are found at the end of each level.





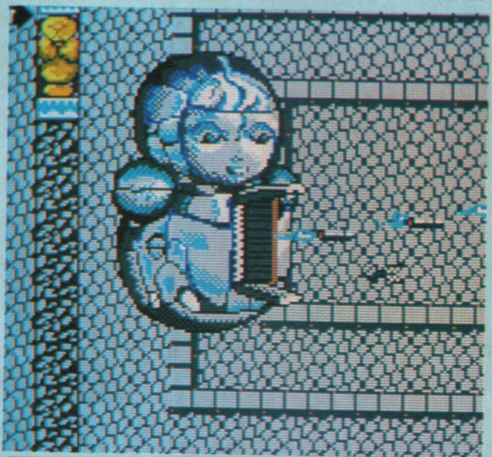
THE ICE WHALE

He shoots crystals at Tiki. Shooting back has no effect as his ice-coated body is harder than the hardest thing ever. So wait here to be scooped up and swallowed by the Whale so your battle can continue from within. Only two drops are due (dew?) to fall at a time, so you can easily see which of the three is least likely to drop and stand under it. Keep firing!



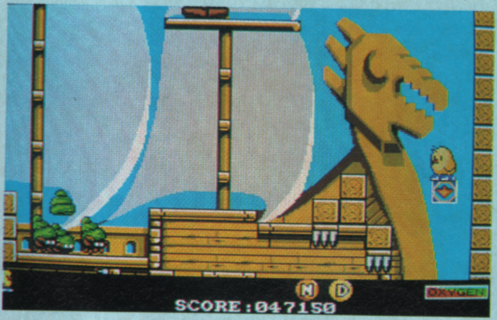
THE ROCK OCTOPUS

He's not quite as hard as the Whale, which is lucky as it means you can jump on these platforms and shoot him lots. Watch out for the bats which fly out from his nose – you can shoot them but they are best avoided as you can continue to shoot the Octopus. The bombs are best used here as you can send a stream of them raining down from the highest platform.



AUTOMATED DARUMA

Shoots missiles from its stomach. Tiki can kill it by dodging the missiles and shooting the beast's stomach when its doors are open.

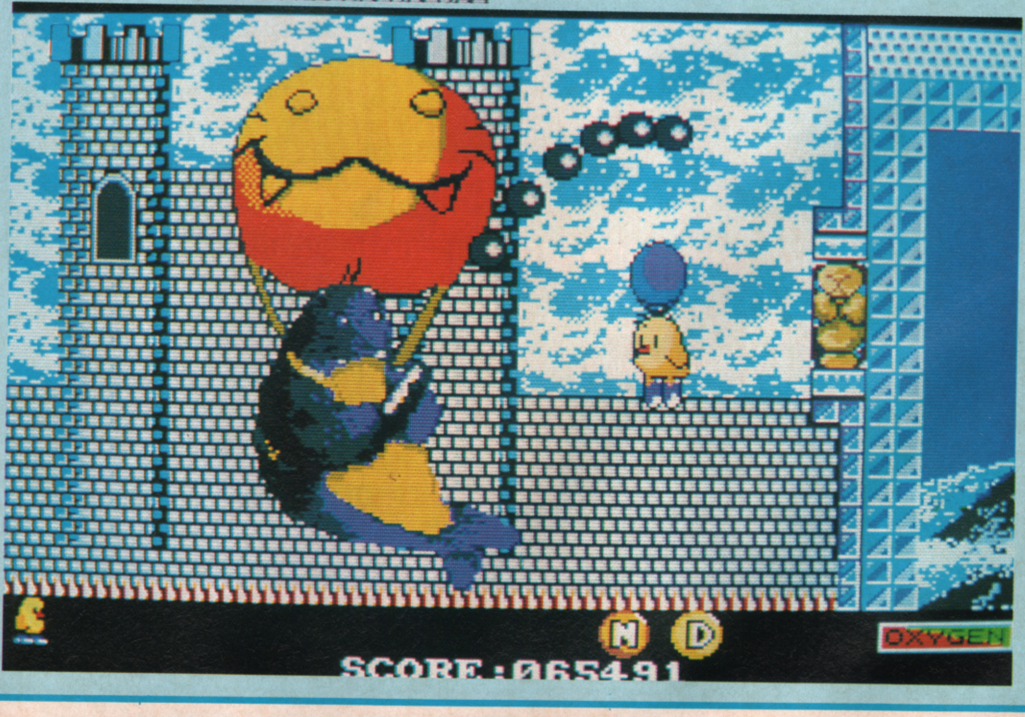


THE SHIP

A huge vessel map and main Boss character. This is one of the most difficult levels.

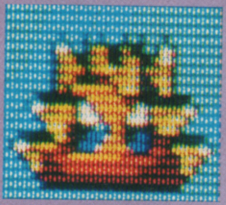
LEOPARD SEAL

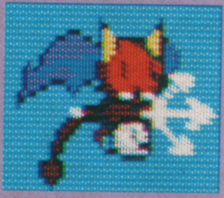
The last Boss. Killing him ends the game. He attacks Tiki with a cannon, his body is invincible and so to kill him Tiki must shoot the balloon a number of times.



SEA-URCHIN BALLS

Travel in the water, bouncing back when they hit the walls.





TIME UP DEVIL

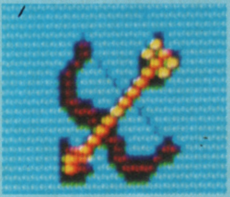
Hang around a Round for too long and he appears. An invincible character that chases Tiki until he catches him.

'ARMOUR' LOVER NOT A FIGHTER

Tiki's armoury isn't very extensive and only one weapon can be used at a time, but in a mission this dangerous, he needs all the help he can get. Every creature shot leaves behind a piece of fruit, which is collected for bonus points. However, every eighth adversary shot leaves behind a Special Item.

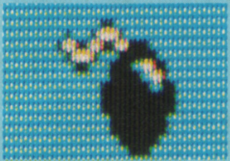
BOW AND ARROW

This standard weapon shoots to the left or right and is effective against most adversaries.



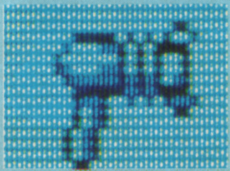
BOMBS

Tiki can throw the bombs to the left or right. They explode when they hit anything.



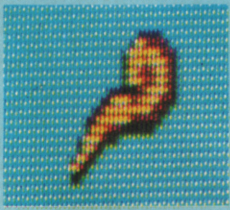
LASER

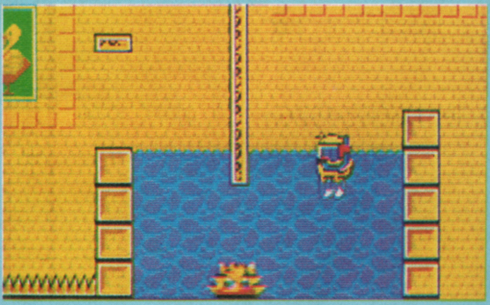
Shoots left or right with the added ability to pass through walls.



MAGIC WAND

Throws fireballs (only two allowed) which bounce around until they hit something.



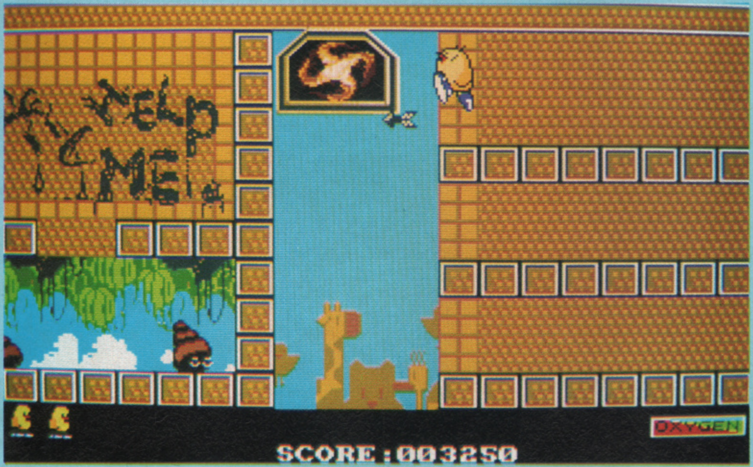


'WATER' CARRY ON!

Be precise with Tiki's underwater movements, as oxygen is in short supply. His oxygen level is topped up by poking his head out of the water. Holding down the fire button while up to your waist in water spits it out. Not only does this knock out any enemy in range but quickly replenishes your supply.

SECRET WARPS

There are plenty of Warp Spots scattered throughout the levels. They absorb Tiki's shots but after five hits they become visible. Enter them to get warped onto another level. Here's two to get you going...

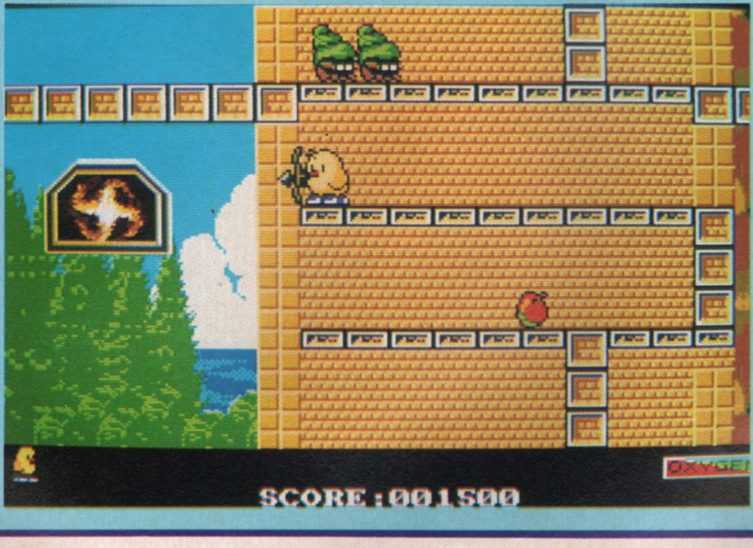


ROUND 1-2

Stand here, face left and fire five times. Now fall to the floor before jumping into the warp (you don't want to jump onto the platform above) which takes you below this Round.

ROUND 1-1

Stand here, face left and jump while firing five times.

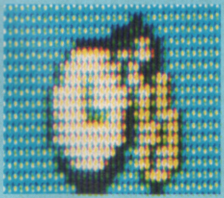


OTHER ITEMS

Also left behind by every eighth enemy shot.

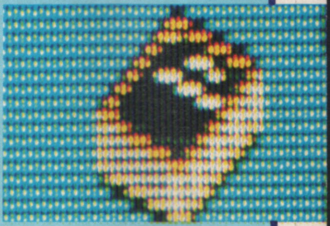
CLOCK

Pick it up to stop the enemy moving for a time.



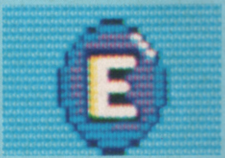
BOOK OF DEATH

Destoys all creatures on screen.



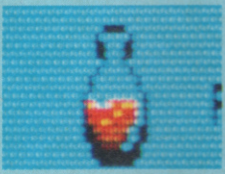
EXTEND

Pick up all six letters for an extra life.



POTION

Makes Tiki invincible for a while so he kills the enemy just by touching them.

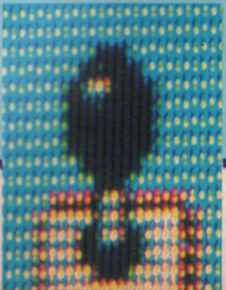


JOYSTICK

Allows Tiki to control the balloons better with joystick directions.

SPEED UP

Makes Tiki run faster.



TURTLESOFT

10 x DSDD DISKS + LIBRARY CASE £10.95

AMIGA/ATARI GAMES SOFTWARE

	ST	AMIGA
Advanced Rugby Simulator	13.95	13.95
Afterburner	15.95	19.95
Airball	--.--	13.95
Albedo	13.95	13.95
Alien Syndrome	15.95	16.95
Alpine Games	6.99	--.--
American Ice Hockey	13.95	16.95
Archipelagos	16.95	16.95
Artura	--.--	15.95
African Raiders	13.95	13.95
Alien Legion	--.--	16.95
Arthur	--.--	16.95
A.P.B.	13.95	14.95
Baal	15.95	--.--
Battlehawks 1942	19.95	19.95
Balance of Power 1990	16.95	20.95
Ballistix	13.95	13.95
Barbarian 2	13.95	16.95
Bards Tale 2	16.95	16.95
Batman	13.95	16.95
Bismark	16.95	16.95
Beyond Zork	--.--	16.95
Blasteroids	16.95	16.95
Blood Money	--.--	19.94
Bomb Disposal	PHONE	
Bombuzal	13.95	13.95
Borrodino	20.95	--.--
Bridge Player 2000	14.95	15.95
Bubble Bobble	13.95	--.--
Battle Chess	16.95	16.95
Battletech	20.95	20.95
Bio Challenge	16.95	16.95
Basketball	16.95	17.95
Castle Warrior	PHONE	PHONE
Chaos Strikes Back	16.95	--.--
California Games	--.--	13.95
Chessmaster 2000	16.95	16.95
Chuckie Egg	13.95	13.95
Chuckie Egg 2	13.95	13.95
Computer Hits Volume 2	--.--	13.95
Cosmic Pirate	13.95	16.95
Crazy Cars 2	13.95	16.95
Custodian	15.95	15.95
Cybernoid	13.95	--.--
Cybernoid 2	13.95	16.95
Dynamite Dux	PHONE	PHONE
Dark Side	17.95	17.95
Daley Thompsons O.C.	13.95	16.95
Double Dragon	13.95	--.--
Driller	16.95	16.95
Dragon Ninja	15.95	16.95
Dragon's Lair (1mb)	--.--	36.95
Dungeon Master (1mb Amiga)	16.95	16.95
Dominator	16.95	16.95
Elite	16.95	16.95
Earl Weavers Baseball	--.--	16.95
Excalibur	--.--	10.49
F16 Falcon	16.95	20.95
F16 Combat Pilot	16.95	--.--
F16 Falcon Mission Disks	14.95	14.95
Face Off	--.--	10.95
Fernandez Must Die	16.95	16.95
F.O.F.T.	20.95	20.95
Ferrari Formula One	16.95	16.95

	ST	AMIGA
Fish	16.95	16.95
Flight Simulator 2	27.95	27.95
Football Manager 2	13.95	13.95
Football Manager 2 Exp Kit	10.49	10.49
Forgotten Worlds	16.95	16.95
Fright Night	--.--	16.95
Fusion	16.95	16.95
Galdregon's Domain	15.95	15.95
Game Over 2	13.95	13.95
Garfield (Winter's Tail)	13.95	14.95
Gold Hits	--.--	16.95
Goldrunner 2	--.--	13.95
Gunship	16.95	16.95
Gilbert Escape From Drill	13.95	14.95
Grand Prix Circuit	16.95	16.95
Human Killing Machine	13.95	13.95
Honda RVF 750	PHONE	
Hellfire Attack	13.95	--.--
Hit Discs Volume 2	16.95	16.95
Heroes of the Lance	--.--	19.95
Hostages	16.95	16.95
Highway Hawks	--.--	13.95
Hyperdrome	--.--	13.95
Incredible Shrinking Sphere	13.95	--.--
International Karate +	16.95	16.95
Indiana Jones	14.95	14.95
Indiana Jones Adventure	16.95	16.95
Jet	27.95	27.95
Joan of Arc	15.95	19.95
Jug	13.95	13.95
Journey	--.--	20.95
Jaws	15.95	PHONE
Jigspell	11.95	--.--
Kennedy Approach	13.95	16.95
Kenny Dalgleish Soccer	13.95	13.95
Kick Off	13.95	13.95
Kristal	--.--	20.95
Kult	13.95	16.95
Leaderboard Collection Birdie	16.95	16.95
Legend of the Sword	16.95	16.95
Little Computer People	8.98	--.--
Lombard RAC Rally	16.95	16.95
Lords of the Rising Sun	--.--	20.95
Licence to Kill	15.95	15.95
Manhunter New York	--.--	20.95
Monopoly Deluxe	15.95	15.95
Music Construction Kit	8.99	--.--
Night Hunter	16.95	16.95
Night Raider	13.95	--.--
New Zealand Story	14.95	16.95
Operation Neptune	16.95	16.95
Operation Wolf	13.95	16.95
Pacland	13.95	13.95
Pacmania	13.95	13.95
Police Quest 2	16.95	20.95
Populous	18.95	18.95
Powerdrome	16.95	16.95
Precious Metal	16.95	16.95
Prison	13.95	13.95
Purple Saturn Day	16.95	16.95
Phobia	16.95	16.95
Paperboy	13.95	15.95
Rainbow Islands		
Question of Sport	--.--	13.95

	ST	AMIGA
Quest for Clues	11.95	11.95
R-Type	15.95	19.95
Raffles	--.--	16.95
Raiders	--.--	13.95
Reach for the Stars	--.--	16.95
Realm of the Trolls	13.95	16.95
Ringside	--.--	16.95
Roadblaster	--.--	13.95
Robocop	13.95	16.95
Run the Gauntlet	16.95	16.95
Rick Dangerous	16.95	16.95
Red Heat	13.95	16.95
Scenery Disc 7	13.95	16.95
Scenery Disc 9 (American W. Coast)	13.95	16.95
Scenery Disc 11	13.95	16.95
Scenery Disc Japan	13.95	16.95
Scenery Disc Western Europe	13.95	16.95
Scrabble Deluxe	13.95	13.95
Silent Service	16.95	--.--
Skate or Die	16.95	16.95
Shoot em up Con. Kit	--.--	16.95
Speed Ball	16.95	16.95
Starglider 2	16.95	16.95
S. Davis Snooker	13.95	13.95
Stormtrooper	13.95	--.--
Silkworm	13.95	13.95
Savage	13.95	16.95
Strike	20.95	--.--
Strip Poker 2+	10.49	10.49
Strip Poker 2+ Data Disc 1	6.99	6.99
Super Hang-On	16.95	16.95
Superman	13.95	13.95
Skweek	15.95	15.95
Super Scramble	14.95	14.95
Super Wonder Boy	PHONE	PHONE
Test Drive 2	--.--	16.95
Teenage Queen	13.95	13.95
The Last Trooper	6.99	--.--
The Real Ghostbusters	13.95	--.--
Time Scanner	16.95	16.95
Typhoon Thompson	15.95	15.95
Tom & Jerry	16.95	16.95
The Last Ninja 2	PHONE	PHONE
Thunderbirds	13.95	13.95
Tom & Gerry	PHONE	PHONE
Trained Assassin	--.--	16.95
3D Pool Challenge	13.95	--.--
Verminator	16.95	--.--
Vindicators	16.95	16.95
Virus Killer	8.95	8.95
Voyager	16.95	16.95
Warships	16.95	--.--
Willow	16.95	19.95
War in Middle Earth	13.95	13.95
Weird Dreams	16.95	16.95
Wrangler	10.49	10.49
Waterloo	19.95	19.95
Wicked	PHONE	PHONE
Xybots	15.95	15.95
Xenon 2 Megablast	PHONE	PHONE
Zak McKracken	16.95	16.95
Zany Golf	16.95	16.95
Zork Zero	--.--	20.95

Phone: Call 0476 591040 24 Hour Service with your Access/Visa Details.

All prices include VAT at 15%. All Amiga and Atari hardware available. How to order– Post: Send cheques, PO or Visa/Access details to the address below.

TURTLESOFT Dept THO, Unit 3, The Old Malthouse, Springfield Road, Grantham, Lincs NG31 7SE.

Subject to availability, all items are despatched within 24 hours. E&OE.

Cheque orders require 7 days clerance. Just because you don't see it – doesn't mean we haven't got it – please ring for details

Please make cheques payable to Turtlesoft

17 BIT SOFTWARE

Quality Amiga PD and Disc Mags.

DO YOU WANT THE BEST AMIGA PD DISCS, THE LATEST DEMOS, AMAZING MUSIC, GRAPHICS AND UTILITIES??

If so then 17Bit are pleased to be able to supply you with just about everything you will ever need from the Amiga PD!
With 429 discs in our own series there is bound to be something for everyone. All discs cost just £2.50 each or £20.00 for 10

INCREDIBLE PD PACKS!

Quickstart III Pack (3 discs, membership to 17Bit)
TOP SELLER!
Amazing!! – Only £5!!
AM-DEMO PACK
AM-MUSIC PACK

Both of these packs contain 5 discs, 4 of the respective type and a copy of our disc-magazine... plus membership to 17Bit. Each pack just £10!! (Inc P&P).

Write or phone now for full listings of our PD and the benefits we can offer you.
17Bit – 'We're that bit better than the rest'
...as you will find out...

17 BIT SOFTWARE PO BOX 97
WAKEFIELD WF1 1XX
TEL 0924 366982

Access and Visa orders welcomed over the phone (24 Hours, answer machine after 5.30pm) Orders Outside UK please add 50p to all orders. Membership has no obligations.

G-TEN LIMITED

THE MAIL ORDER SOFTWARE HOUSE

	AMIGA	ATARI ST	PC
3D Pool	18.50	—	—
APB	15.90	15.90	—
Aargh	—	15.90	18.50
Action Fighter	18.50	18.50	18.50
Action Service	15.90	15.90	15.90
Advanced Ski Sim	15.90	—	—
Afterburner	15.90	15.90	—
Astaroth	18.50	18.50	—
Balance of Power	22.50	22.50	22.50
Barbarian II	18.50	15.90	18.50
Basketball	18.50	—	11.90
Batman	18.50	15.90	—
Bloodwych	18.50	18.50	18.50
Bmx Simulator	11.90	—	—
Carrier Command	18.50	18.50	18.50
Chariots of Wrath	18.50	18.50	—
Chase	7.90	7.90	—
Chessmaster 2000	18.50	18.50	18.50
Conflict Europe	18.50	28.50	18.50
Crazy Cars II	18.50	15.90	—
Damocles	18.50	18.50	—
Defender of Crown	22.50	—	18.50
Dominator	15.90	15.90	—
Dream Zone	18.50	18.50	18.50
EPT	N/A	18.50	—
Eliminator	15.90	15.90	—
Elite	18.50	18.50	18.50
Emanuelle	15.90	15.90	15.90
Emarald Mines II	15.90	15.90	—
F16 Combat Pilot	18.50	18.50	18.50
Falcon Mission Disk	15.90	15.90	—
Final Assault	15.90	15.90	15.90
Flight Simulator II	33.00	33.00	44.00
FOFT	22.50	18.50	—
Galactic Conqueror	18.50	15.90	18.50
Garrison	18.50	—	—
Gauntlet	18.50	15.90	—
Gunship	18.50	18.50	22.50
Hill 19	15.90	15.90	—
Honda RVF 750	18.50	—	—
Hostages	18.50	18.50	18.50
Hybris	18.50	—	—
Impact	11.90	11.90	—
Indiana Jones			
International Karate +	18.50	15.90	—
ISS	18.50	15.90	—
Katakis	18.50	—	—
Kickstart II	7.90	—	—
Kult	18.50	18.50	18.50
Last Crusade	15.90	15.90	15.90
Last Duel	15.90	15.90	—
Last Ninja II	18.50	18.50	—
LED Storm	15.90	15.90	—
Manhunter	22.50	—	22.50
Maniax	15.90	15.90	—
Mega Pack	15.90	18.50	—
Microprose Soccer	18.50	18.50	18.50
Mr. Heli	18.50	15.90	—
Nebulus	15.90	15.90	15.90
North Star	18.50	—	18.50
Outland	15.90	15.90	—
Outrun	15.90	15.90	—
Overlander	18.50	15.90	—
Paperboy	18.50	15.90	—
Pawn	18.50	18.50	—
Platoon	18.50	15.90	—
Powerdrome	18.50	—	—
P.O.W.	22.50	—	—
Quantox	12.50	—	—
Rambo III	18.50	15.90	15.90
Red Heat	18.50	15.90	—
Risk	15.90	—	18.50
Robocop	18.50	15.90	—
Running Man	18.50	18.50	18.50
Savage	15.90	15.90	15.90
Scorpion	15.90	—	—
SDI	18.50	15.90	—
Stag	18.50	18.50	—
Street Fighter	18.50	15.90	—
Strip Poker Pro	18.50	—	—
Tank Attack	18.50	—	—
Titan	18.50	15.90	18.50
Turbo Trax	15.90	—	—
Ultima IV	18.50	18.50	18.50
Vigilante	15.90	15.90	—
Virus	15.90	15.90	—
Xenon	15.90	—	—
Xenophobe	18.50	18.50	—
Peripherals			
Quickshot II Turbo			7.50
IBM Quickshot			9.50
IBM Quickshot Interface			15.50
Amiga 500/1000 Dust Cover			4.00
PC 1512/1640 Dust Cover			10.50
Mouse Mats (Hard)			4.00
Atari ST Dust Cover			4.00

SPECIAL OFFER. BUY TWO GAMES AND GET A MYSTERY GAME FREE!

Please specify computer model. Please allow 14-28 days delivery. Strictly mail order only. P.O. or Access credit card despatched within 48hrs. P+P inclusive UK/EEC/BFPO. Elsewhere add £3.00 per item P+P. Make cheques or P.O. (Sterling only) payable to G-Ten Limited.

Send order to: **G-TEN LIMITED**
Dept TONE 02, Freepost
(UK/BFPO no need to add stamp),
5A Sunnyside Terrace
Edgeware Road, London, NW9 9YP
or Tel 24hr Telesales: 01 200 4858

MICRO-TECH

COMPUTER TECHNOLOGY

COMPUTERS BOUGHT, SOLD AND EXCHANGED

Second-hand ST & Amiga Software
Plus all the latest titles

New shop now open at
96, Seaside
Eastbourne

PC'S, XT'S, AT'S, 286 and 386
Sold and Network Systems Installed

0323 411 391, 0323 412 182, 0323 412 183

3½" DISKS

EVEN BETTER DISKS – EVEN LOWER PRICES

10	x 3½ DS/DD	£8.50
25	x 3½ DS/DD	£19.00
50	x 3½ DS/DD	£37.00
100	x 3½ DS/DD	£72.00
250	x 3½ DS/DD	£160.00
500	x 3½ DS/DD	£310.00
1000	x 3½ DS/DD	£599.00

Ordering 100 disks or less?
Use our credit card hotline.
Access – 0742 726485

Trade enquiries welcome.
Dial our M.D. direct on
0742 725353

SAME DAY DESPATCH. PRICES INCLUDE VAT AND NEXT DAY DELIVERY.
OUR DISKS ARE CHEAP BUT THEY ARE TOP QUALITY – LIFETIME GUARANTEED.

HARDWARE DISTRIBUTION (DEPT TO)
19 DIVISION STREET, SHEFFIELD, S1 4GE
0742 726485

TIPS

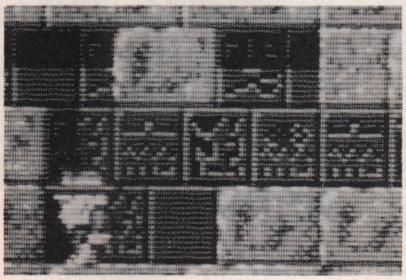
RICK DANGEROUS

Firebird

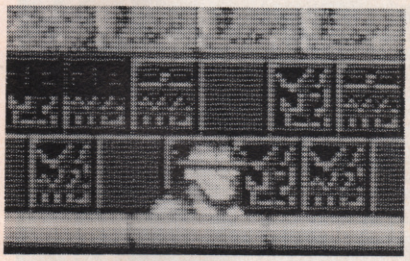
After conquering the South American jungle last month, Core Design takes you through the perils of Egypt...

'CHEAT' MODE

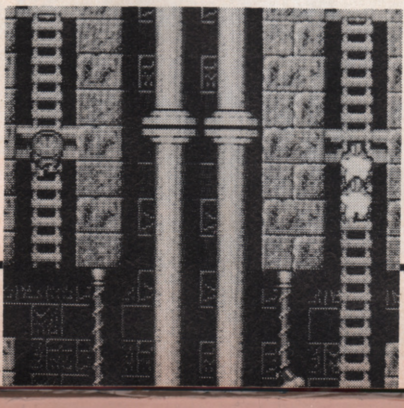
Enter POOKY on the high-score table. Any levels completed can now be skipped by means of a novel level select feature.

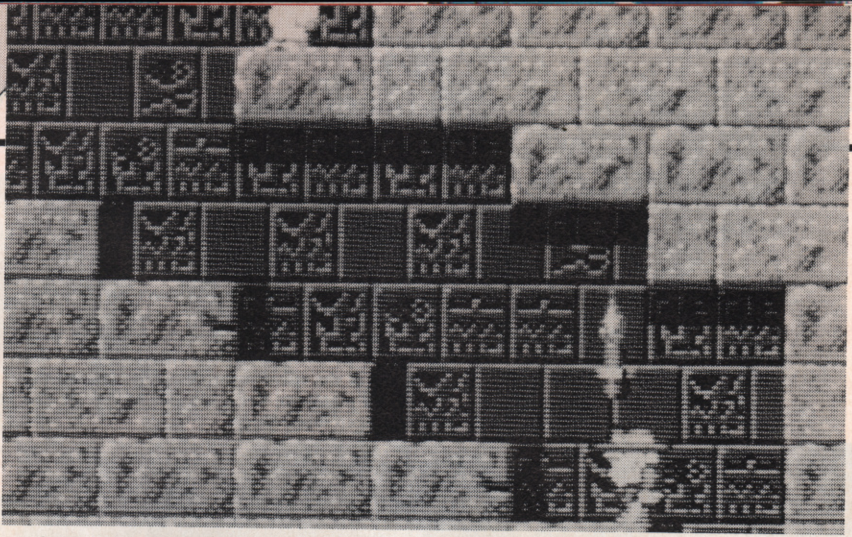


▲ **Try to walk under the hanging block and it drops on you. Wait to the left of it for a while and it drops automatically, so you can leap over it safely. But be quick – dawdle and you get crushed against the ceiling.**

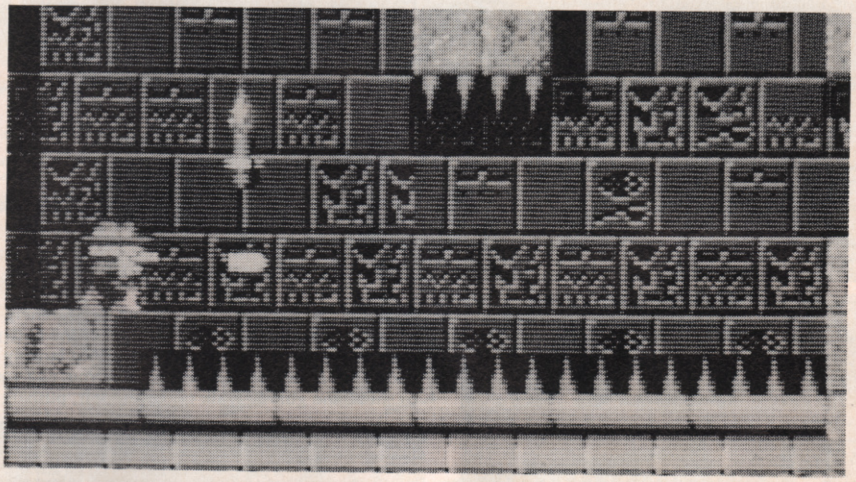


▲ **Classic Indiana Jones stuff here. The platform above you starts to descend threatening to crush you as you crawl under. Getting across is easy in theory – just keep crawling as fast as you can, but make one slip and stop for even a split-second and it's lights out.**

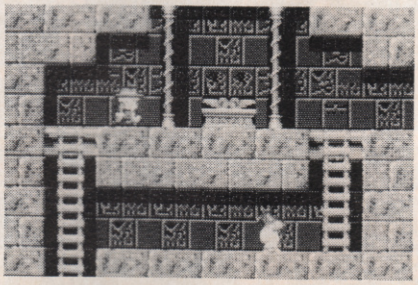




▲ **Look closely at the blocks on the stairway and you might spot the two which have small dents at waist height. Poking your stick into each of these triggers a spear – one horizontal, one vertical. These can be used to kill the two arab guards. Lure the first one down onto the stairway, and get ready to trigger the first spear. As soon as he's on the stair above you, poke your stick into the block to fire the horizontal spear into him. Now make your way up to the second dented block, and the second arab guard will be directly above you. Poke the dent to trigger the vertical spear and see him off.**



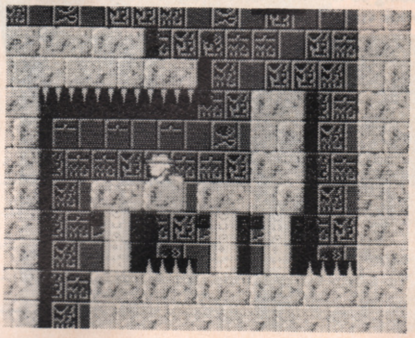
▼ **DON'T go up the left-hand ladder to investigate the 'Ark Of The Covenant' at the top of the screen – if you do, 'The Power Of The Ark' zaps you in a scene reminiscent of the end sequence of *Raiders Of The Lost Ark* (well, almost). Take the right ladder instead and exit as soon as possible.**



◀ **Leap up onto the left-hand ladder and climb up about half way. Wait for all three arab guards to follow you up the right-hand ladder, and once they're all parallel with you, make your way up to the top of the screen, touch the blue gem, and STAND STILL. Strange cosmic rays are emitted which kill the arab guards, leaving you free to drop down to the bottom of the screen and exit to the right.**

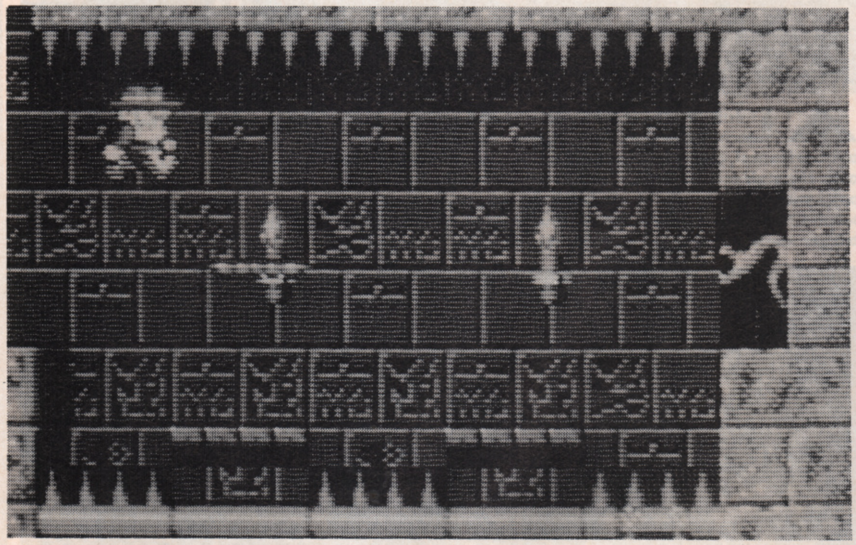
▲ **Jump down onto this block, stand as far to the right of it as possible and fire your gun. This triggers a mechanism which sends the block moving across the screen. Stand on the far right of the block again, to ensure it doesn't move away from under you when it moves a second time. When it stops again, quickly jump off and exit to the right before the block slides back to its starting position.**

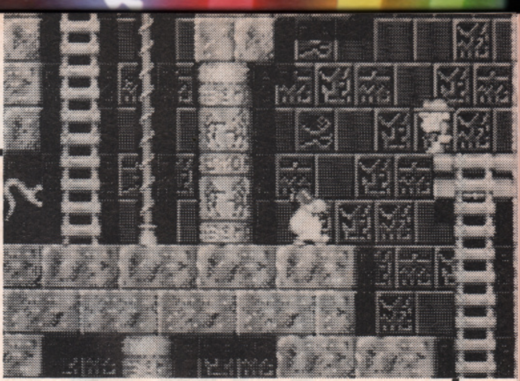
▼ **DON'T jump off the end of this platform – a spear trap awaits. Crouch down on this block and wait. After a while it drops to the floor, allowing you to exit to the left.**



TIPS

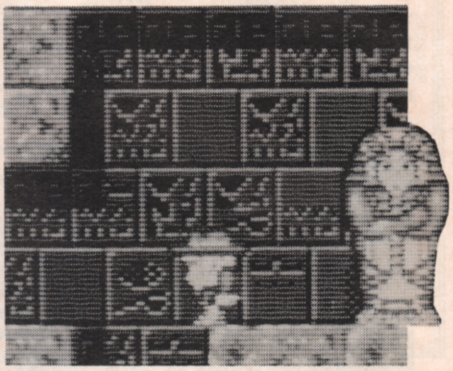
To ensure you don't get impaled on a flying spear, time your jumps to the right so that the sound of your leap is perfectly in synchronisation with the sound of the spear firing. When you reach the second platform, fire your gun to retract the spike trap and exit.

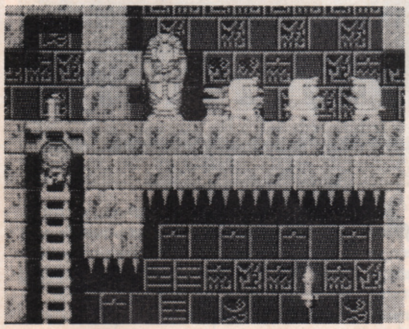




It's possible to do away with this guard AND avoid the spear trap to the left with one technique. Climb the ladder to the very top, and stand on the far left of the platform. Then, while the guard is walking away, walk – don't jump – off the platform and duck as soon as you land. Landing triggers the spear launcher, killing the guard.

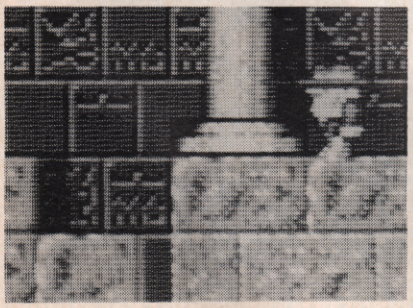
DON'T fall straight down – jump the gap and fall from the left.



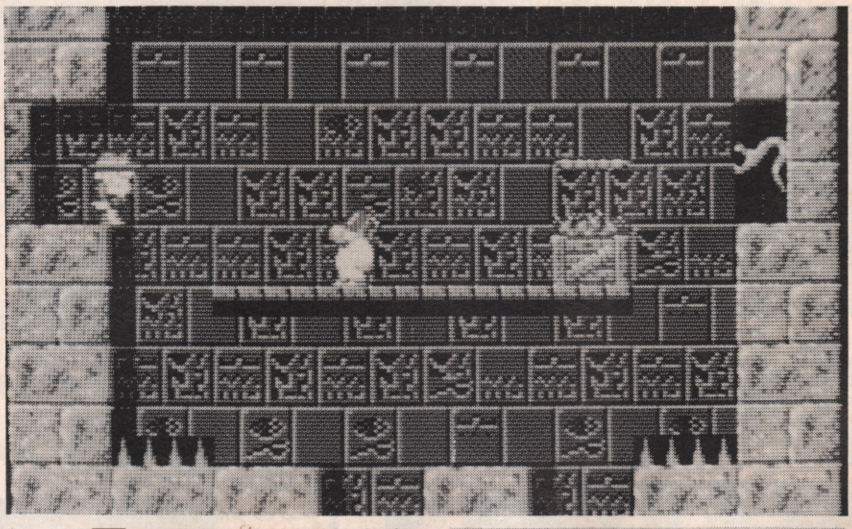


Dynamite the wall and shoot the sarcophagus. This releases a mummy which walks away to the right, killing the arab guards in its path. Immediately follow it and exit.

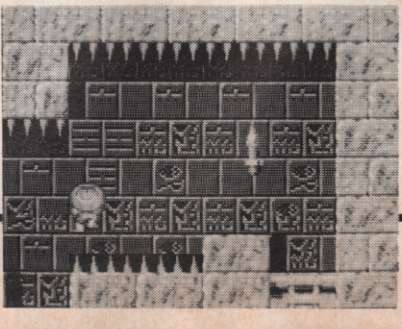
DON'T touch the block at the very bottom of the screen – doing so is fatal. Instead leap over it and poke your stick into the dented block on the left.



There are two factors determining when you should jump here – the firing of the spears and the position of the arab guard. If you only judge one factor correctly, you could find yourself avoiding the spear but landing on the arab or vice versa. Jump as the spear fires and as the arab is walking away from you, and you should miss the spear and land in good position to shoot the guard. Walk off to the left, pushing right as you fall to avoid the spikes.



The wall tiles marked with a horizontal line pattern act as handholds, enabling you to climb certain sections of wall. These tiles are invaluable on this screen. Jump onto the tiles, and position yourself on the wall exactly as shown. Then jump into the floor recess to the left – but make sure you land on the left-hand side – the right half conceals a spike trap.



The next superb release from

FALLEN ANGEL
SCREEN 7

SCORE
TIME
STATION
LIVES

He had been the best! The trains on his patrol had been free from crime. He had seen to that. But the death of his 'Green Beret' brother from a drug overdose sent him over the edge.

Seeking vengeance he hounded drug dealers.

He became well known as a renegade—the ***FALLEN ANGEL.***

Wearing his brother's beret as a tribute, he was a familiar sight on the New York subway network. A man to be avoided at all costs.

By chance he uncovered a drugs ring which was using the subway systems as a distribution network. The destruction of these people became his only goal.

He became the judge, the jury and the executioner, an Angel of Death.

FALLEN ANGEL is a fantastic scrolling arcade-action game spread across four major city rail networks.

Beat your way up and down the trains and platforms of the London "Tube", Paris "Metro", and New York and Berlin Subway systems.

Find and destroy the local drug dealers and their henchmen.

Collect information to take you closer to the evil 'Mr. Big'.

But beware! Your adversaries are not just highly trained thugs, but often crazed drug fiends, oblivious to pain.

- Spectrum 48/128k cassette **£9.99**
- Spectrum +3 disc **£14.99**
- Amstrad CPC cassette **£9.99**
- Amstrad CPC disc **£14.99**
- Commodore 64/128k cassette **£9.99**
- Commodore 64/128k disc **£14.99**
- Commodore Amiga **£19.99**
- Atari ST **£19.99**

Also available from Screen 7

This is no time to feel dizzy. As you balance precariously on a narrow steel girder, hundreds of feet above the hard concrete below, a head for heights is a must. There's a skyscraper to be built, and the Spitters, Crawlers and metal-munching Gremlins are in hot pursuit. You step over the slippery remains of your workmates' lunch, hurl your spanner at a menacing shadow, and curse the day you became a high steel worker.

- AMIGA
- ATARI ST
- SPECTRUM/ SPECTRUM DISC
- AMSTRAD/ AMSTRAD DISC

AMSTRAD
HIGH STEEL
SCREEN 7

A great white shark is terrorising the beaches of Amity Island. A grim discovery confirms the worst—he's out there and he's hungry.

In desperation, Mayor Vaughn turns to you, Police Chief Brody. With your two colleagues, Hooper, the shark expert, and Quint, the manic shark hunter, you set off to retrieve the lethal weapons from the sea bed and kill the unwelcome intruder.

- AMIGA
- ATARI ST
- C64/ C64 DISC
- SPECTRUM/ SPECTRUM DISC
- AMSTRAD/ AMSTRAD DISC

JAWS
YOUR SINCLAIR 88%
"A FAB0 START FROM SCREEN 7, A BITING GOOD GAME—BUY IT"
CRASH 80%
GREAT START FOR SCREEN 7
"GRAPHICS OF EXCELLENT QUALITY GOOD BLASTING FUN"
SCREEN 7

Marauder. Soldier of Fortune. Hit man. His business was death —other people's of course —and his currency was gold . . . If there was a problem—any problem— someone else's problem STEIGAR would make it his problem—at a price. . . . No island fortress was secure. No Embassy was safe. If the gold was right —the job got done . . .

Then came capture. The interrogation . . . *"Too useful to eradicate"* the CIA said. Drafted into the US Navy, STEIGAR is trained to be a hit-and-run helicopter pilot. Only the Senior Command know that STEIGAR is no ordinary recruit.

STEIGAR
CBM 64/128
SCREEN 7

- AMIGA
- ATARI ST
- C64/ C64 DISC
- SPECTRUM/ SPECTRUM DISC
- AMSTRAD/ AMSTRAD DISC

name

address

format

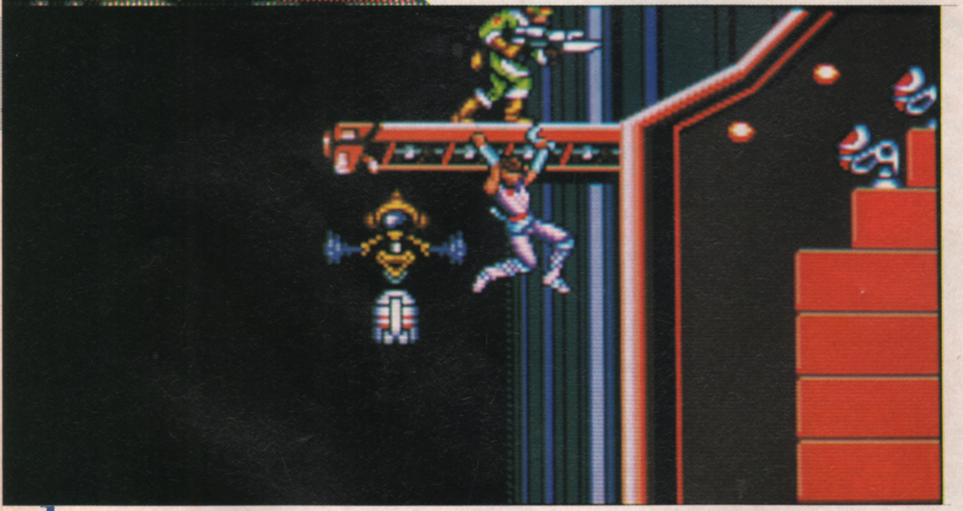
game

To order a copy of any Screen 7 products send details of game and formats required, along with a postal order or cheque made payable to All Saints Developments Ltd. Send the above with your name and address details to

All Saints Developments Ltd, Units 3-7 Baileygate Industrial Estate, Pontefract, West Yorkshire WF8 2LN.

Stride

The hero of US Gold's conversion of the CapCom coin-op is such an athletic all-rounder he makes Daley Thompson look like... well, Gary Whitta really.

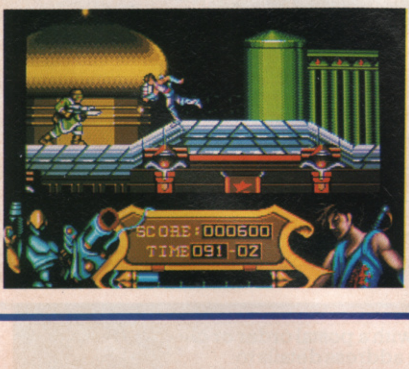


Strider is the ultimate warrior, and as such it's his job to free a futuristic world (some areas of which were based on modern Russian architecture) from an evil dictatorship by battling throught five scrolling levels.

Strider fights the old fashioned way – he's not keen on clumsy random laser guns, and prefers to do battle with a samurai sword, which he draws and swings with frightening speed.

◀ **After flying in on a futuristic hang-glider, Strider limbers up and the mission begins. The first level is pretty easy, and provides useful practice to master the techniques you need in the tortuous later stages.**

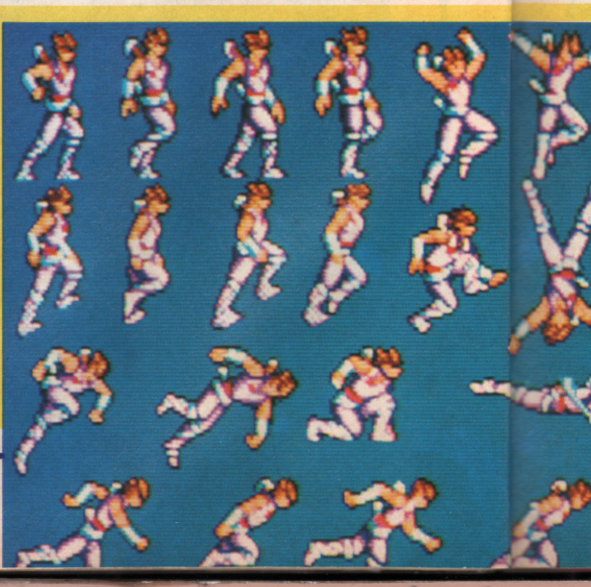
▼ **Strider's main source of grief is hordes of foot soldiers. A quick sword swipe sees them off, but on later levels they are accompanied by hardy flying gymnasts!**



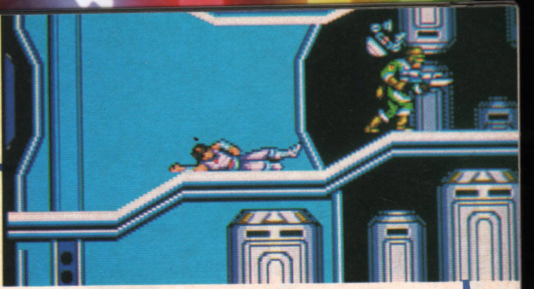
TIERTEX

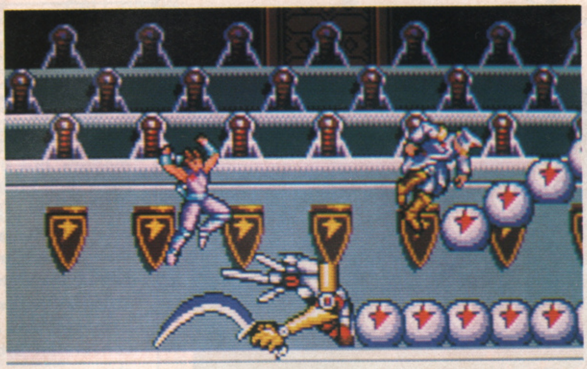
Electronics Engineer Donald Campbell and Doctor Of Physics John Prince decided to forget about quarks and neutrinos and instead set up Tiertex together. The two-strong company's first projects were for the now-defunct Artic Software, but soon after that they got their big break when they signed to US Gold. The team has since produced a string of coin-op conversions for the company, including **Rolling Thunder, Street Fighter, Last Duel** and **Thunderblade** and more recently their first film adaptation, **Indiana Jones And The Last Crusade**.

Strider was arguably Tiertex's toughest conversion project to date, so how did the Mancunian marvels go about the job? Dr John was the project's head honcho, handling all the programming himself.



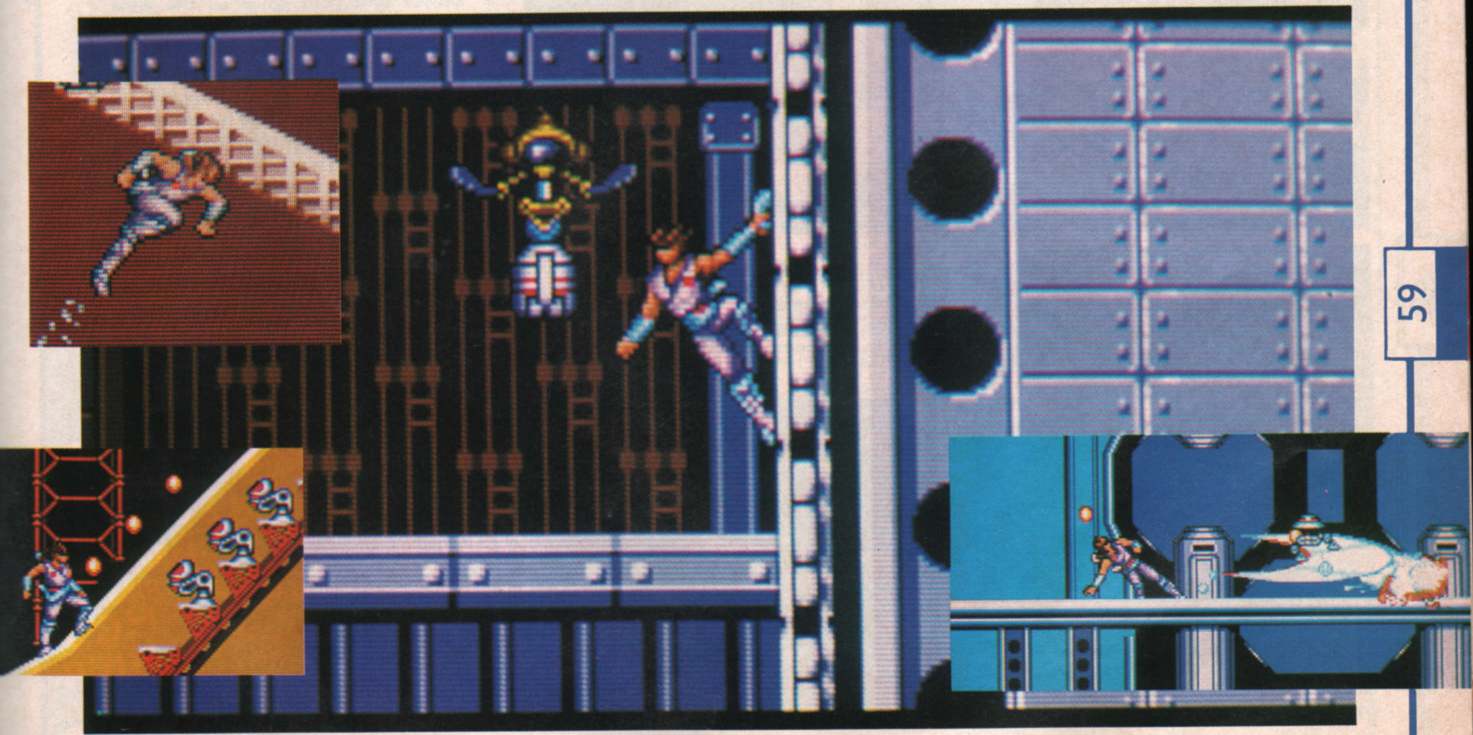
er

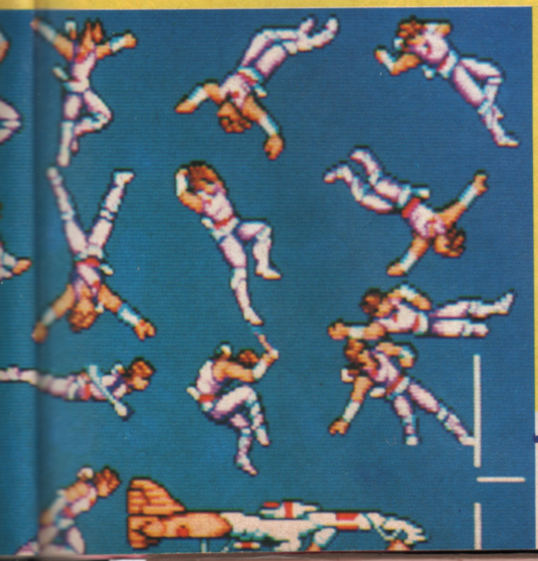




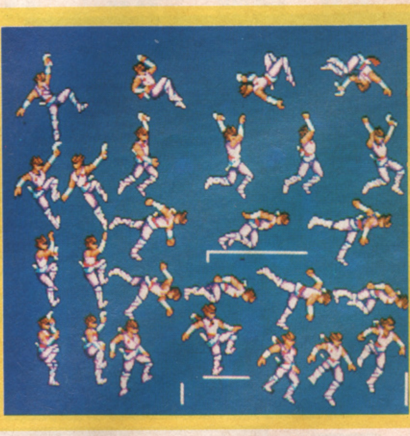
Every so often Strider comes across a huge super-nasty – but it doesn't necessarily appear at the end. This metallic snake is encountered half-way through Level One.

Small flying droids occasionally appear above Strider's head – smashing them with the sword releases a crate, which is broken open to reveal a power-up, the most useful of which is a double-length sword. In addition, crates are found abandoned along the way – often the power needed to complete the next section is left exactly where you need it.



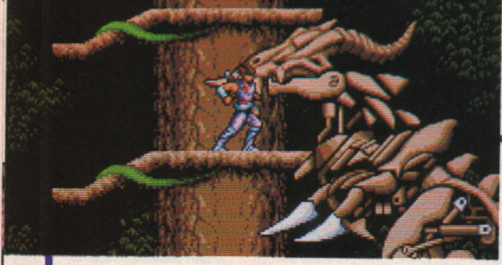


Strider's strength is his flexibility – he's not limited to running and jumping like yer average hero. His athletic repertoire includes hanging by one hand from beams and girders, shinning up walls and a spectacular back flip that sends him flying across ravines.

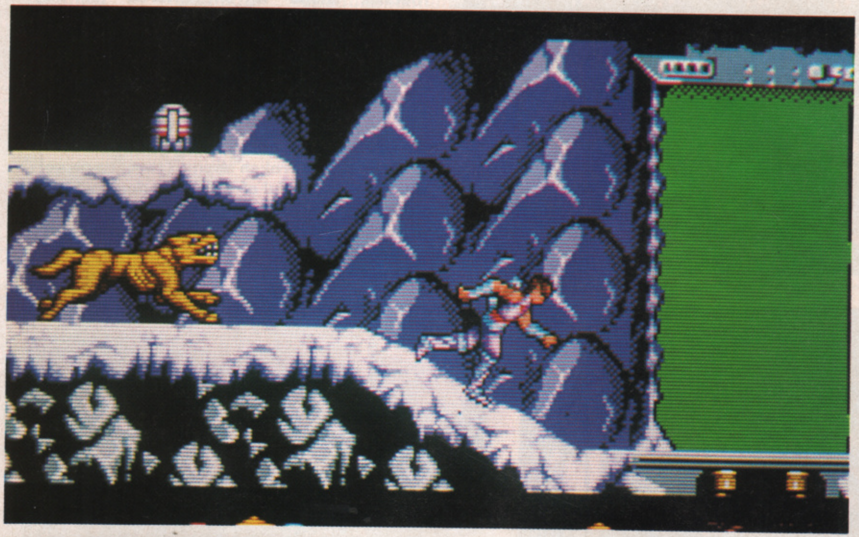


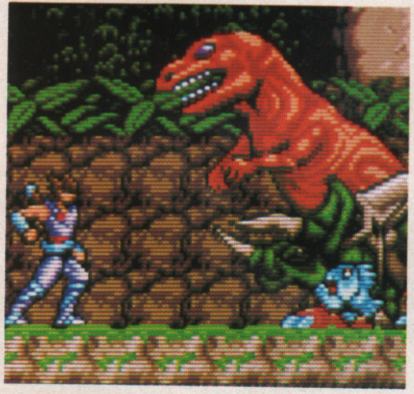
CapCom is understandably wary about revealing its coin-op secrets, and so John had to base the conversion on lengthy playing sessions on the coin-op as well as a video of the game being played through from beginning to end.

The graphics for the ST and Amiga versions were created by digitising the coin-op's sprites and backdrops onto an Amiga, before transferring them onto Degas Elite on the ST and touching them up by hand – a task performed by Tiertex's resident graphics bods Andrew Ingam and James Clarke. The sound was



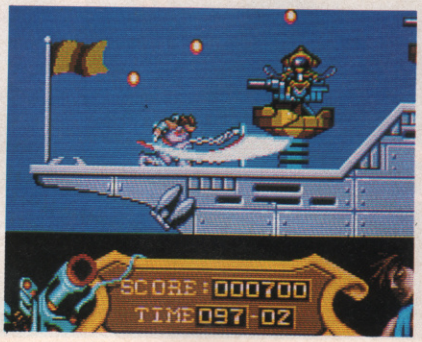
The second level's setting is a snow-capped mountain range. It's difficult enough here just to keep your footing on the icey mountainsides, let along defeat the enemy forces complete with snarling panthers.

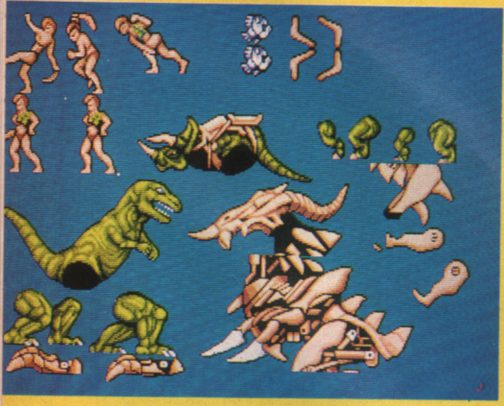




Jungle japes from Strider in Level Three. The enemies are nastier and attack in greater numbers, so he uses the vines and tree branches to his advantage.

Strider takes to the air in Level Four when he battles aboard a huge floating spaceship. Rotating gun turrets provide problems, and there's an array of suitably mechanical mashing machinery to get past.





produced by music man Mark Tait using an Akai X7000 sampling synthesizer and a Steinberg 24 track recording package running on an ST and interfaced by Midi.

The entire project took just over six months to complete. But what of the months to come? "We're not sure yet," says Donald. "We should soon be working on another licence for US Gold." Any particular coin-ops that the lads would like to have a crack at? "We'd like to try doing a racing game," Donald admits. "I'm a big fan of **Final Lap** and especially Sega's **Super Monaco Grand Prix**. Were we to convert that, we could make good use of some of the technology we developed for the **Thunderblade** conversions."

A

Many of CapCom's coin-ops sport huge sprites, and Strider is no exception. The graphics have been shrunk down in the transition from coin-op to Commodore, but their definition is of sufficient high quality to make them easily recognisable to those familiar with the original. The quality of animation has also been trimmed, unfortunately, so Strider now shuffles instead of struts. This aside, it's good to see that both gameplay and sound have survived the conversion intact. Strider plays at a slower pace, but since all the level maps and alien attack patterns have been converted faithfully, all the tricks and tactics that worked in the coin-op work just as well here. Sound, too, is authentically reproduced – it's not the tunes themselves that impress as such, more the coin-op quality 'instruments' used. Coupled with some speech and cameo pictures which appear between levels, an authentic coin-op feel is created. Tiertex has done a commendable job of recreating all the thrills of the arcade original.

PRICE	£19.99
RELEASE DATE	Out Now
GRAPHICS	78%
SOUND	79%
PLAYABILITY	80%
VALUE	72%

OVERALL 80%

ST

There's very little to differentiate this from the Amiga incarnation – even the sound is almost identical. As you might expect, it's a two-disk job, but very little swapping is required so gameplay isn't affected too much.

PRICE	£19.99
RELEASE DATE	Out Now
GRAPHICS	78%
SOUND	89%
PLAYABILITY	80%
VALUE	78%

OVERALL 80%

PC

Tiertex is currently beavering away on CGA and EGA versions, and both are scheduled to appear in October at a price of £19.99.

SOFTWARE CITY

CALL US ON:
0785 41899
0922 24821
0902 25304
ACCESS
VISA

We welcome customers at
SOFTWARE CITY
1 GOODALL STREET
WALSALL
Tel. 0922 24821

SOFTWARE CITY
59 FOREGATE STREET
STAFFORD
Tel. 0785 41899

SOFTWARE CITY
3 LICHFIELD PASSAGE
WOLVERHAMPTON
Tel. 0902 25304

CALL US ON:
0785 41899
0922 24821
0902 25304
ACCESS
VISA

	ST	AG
3D POOL	13.99	13.99
AIRBORNE RANGER	16.99	16.99
ARCHIPELAGOS	16.99	16.99
ASTAROTH ANGEL OF DEATH	16.99	N/A
BALANCE OF POWER 1990	16.99	16.99
BARBARIAN 2	16.99	N/A
BATTLE CHESS	16.99	16.99
BATTLE HAWKS	16.99	16.99
BRIAN CLOUGH'S FOOTBALL FORTUNES	9.99	N/A
CALIFORNIA CHALLENGE (U.K.)	N/A	8.50
CARRIER COMMAND	16.99	16.99
CRAZY CARS 2	13.99	16.99
DEGAS ELITE	16.99	N/A
DELUXE PAINT 3	N/A	54.99
DENARIS	N/A	13.99
DOUBLE DRAGON	13.99	13.99
DRAGON NINJA	13.99	16.99
DUNGEON MASTER	16.99	16.99
DUNGEON MASTER EDITOR	6.99	6.99
ELITE	16.99	16.99
F16 COMBAT PILOT	16.99	N/A
F16 FALCON	16.99	19.99
FALCON MISSION DISC	13.99	13.99
FAST BREAK	16.99	16.99
FEDERATION OF FREE TRADERS	16.99	16.99
FIRE BRIGADE (I MEG AMIGA)	N/A	19.99
FOOTBALL DIRECTOR 2	13.99	13.99
FOOTBALL MANAGER 2	13.99	13.99
FOOTBALL MANAGER 2 EXPANSION KIT	8.99	8.99
FORGOTTEN WORLDS	13.99	13.99
GAUNTLET 2	13.99	16.99
GRAND MONSTER SLAM	13.99	13.99
GRAND PRIX CIRCUIT	N/A	16.99
GUNSHIP	16.99	16.99
HAWKEYE	N/A	13.99
HIGH STEEL	13.99	13.99
HOLLYWOOD POKER PRO	13.99	13.99
KENNEDY APPROACH	16.99	16.99
KENNY DALGLISH	13.99	13.99
KICK OFF	13.99	13.99
KULT	16.99	16.99
LEADERBOARD COLLECTION	13.99	16.99
L.E.D. STORM	13.99	13.99
LEISURESUIT LARRY	13.99	13.99
LEISURESUIT LARRY LOOK FOR LOVE	19.99	N/A
LICENSE TO KILL	13.99	13.99
LOMBARD R.A.C. RALLY	16.99	16.99
LORDS OF THE RISING SUN	N/A	19.99
MICROPROSE SOCCER	16.99	16.99
MILLENNIUM 2.2	16.99	16.99
NAVY MOVES	13.99	16.99
NEW ZEALAND STORY	13.99	16.99
NIGHT HUNTER	13.90	16.90
OPERATION WOLF	13.99	16.99
PERSONAL NIGHTMARE	19.99	19.99
POPULOUS	16.99	16.99
POWERDROME	16.99	16.99
PRECIOUS METAL		
(CAPTAIN BLOOD, XENON,		
ARKANOID 2 ST VERSION		
SUPER HANG ON	13.99	
AG VERSION CRAZY CARS		16.99
PREMIERE COLLECTION (ZYNAPS, EXOLON, NEBULUS & NETHERWORLD)	19.99	19.99
QUESTION OF SPORT	13.99	13.99
R-TYPE	13.99	16.99
RED HEAT	13.99	16.99
RED LIGHTING	19.99	N/A
RICK DANGEROUS	16.99	16.99
ROBOCOP	13.99	16.99
ROCKET RANGER	16.99	16.99
RUN THE GAUNTLET	13.99	16.99
RUNNING MAN	16.99	16.99
SHOOT 'EM UP CONSTRUCTION KIT	N/A	19.99
SILKWORM	13.99	13.99
SPEEDBALL	16.99	16.99
STARGLIDER 2	16.99	16.99
STORY SO FAR (IKARI WARRIORS, BUGGY BOY, BATTLESHIPS & ICE PALACE)	13.99	13.99
SWORD OF SODAN	N/A	16.99
T.V. SPORTS FOOTBALL	N/A	19.99
TEST DRIVE 2	N/A	19.99
THUNDERBIRDS	16.99	16.99
TIMES OF LORE	16.99	16.99
TRACKSUIT MANAGER	13.99	13.99
U.M.S.	16.99	16.99
VULCAN	13.99	N/A
WAR IN MIDDLE EARTH	13.99	13.99
WATERLOO	16.99	
WEIRD DREAMS	16.99	16.99

SOFTWARE CITY SPECIALS

ACADEMY	4.99	N/A
ACTION SERVICE	4.99	4.99
AFTERBURNER	N/A	
ARCHON COLLECTION	N/A	6.99
ARCTIC FOX	6.99	6.99
ART PARTS 1 OR 2	N/A	6.99
BARD'S TALE	6.99	6.99
CAPTAIN BLOOD	N/A	9.99
ELIMINATOR	6.99	6.99
FOUNDATION WASTE	6.99	6.99
HELLBENT	N/A	4.99
HOSTAGES	N/A	9.99
KING OF CHICAGO	N/A	9.99
LEATHER GODDESSES OF PHOBOS	4.99	N/A
MARBLE MADNESS	6.99	6.99
MICKEY MOUSE	6.99	N/A
MINDSHADOW	4.99	N/A
OUTRUN	6.99	6.99
PHANTOM FIGHTER	N/A	4.99
RAMBO 39.99	N/A	
ROLLING THUNDER	N/A	6.99
SIDEARMS	N/A	6.99
SKYCHASE	N/A	4.99
SKYFOX 2	6.99	6.99
STREETFIGHTER	9.99	N/A
THREE STOOGES	N/A	9.99
WORLD CLASS LEADERBOARD	6.99	6.99
WORLD TOUR GOLF	6.99	6.99
ZYNAPS	4.99	N/A

All orders sent first class within 24 hours of receipt, subject to availability. Make cheques/POs payable to Software City. Please add 50p for post and packaging on all orders under £5.00; overseas orders add £1.50 per item. Address to SOFTWARE CITY, 3 LICHFIELD PASSAGE, WOLVERHAMPTON WV1 1DZ. Produce this advert to receive the above discounts, 30% off RRP on any software not listed.

FAST REPAIRS

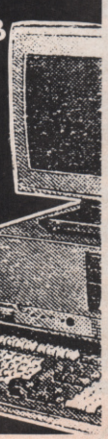
WE HAVE A FULLY QUALIFIED ATARI TRAINED ENGINEER ON THE PREMISES TO UNDERTAKE REPAIRS OF:

COMPUTERS, DISC DRIVES, PRINTERS AND MONITORS

ALL WORK GUARANTEED FOR 3 MONTHS
● FREE ESTIMATES ● FREE POSTAGE ANYWHERE IN THE UK FOR REPAIRED ITEMS

☎ **MARK OR MARTIN**
(0527) 3374

HOURS OF BUSINESS: MON-FRI 9-8
SAT 9-9 SUN 1-8



AMPOWER

VIDEO & COMPUTERS
15a ALCESTER ROAD, STUDLEY,
WARKS B80 7AG

MEGASAVE FANTASTIC SAVINGS

	ST	AMIGA	PC
3D POOL	12.90	14.90	13.90
ACTION FIGHT	15.90	15.90	15.90
AFTERBURNER	13.45	16.45	–
AIRBORNE RANGER	14.90	14.90	14.90
ANGEL OF DEATH	15.90	15.90	–
APB	13.90	13.90	–
ARCHIPELAGOS	14.90	14.90	19.90
ASTAROTH	15.90	15.90	–
BARBARIAN 2	–	15.90	16.90
BATMAN (The Movie)	13.90	16.90	–
BATTLECHESS	16.90	15.90	15.90
BATTLEHAWKS	16.90	16.90	16.90
BEACH VOLLEY	13.90	16.90	–
BEAST	–	15.90	–
BLACK TIGER	13.90	–	–
BLNCE OF PWR 1990	15.90	15.90	16.90
BLOOD MONEY	16.90	16.90	–
BLOODWYCH	15.90	15.90	15.90
BOMBER	12.90	12.90	–
BUFFALO BILL	15.90	15.90	15.90
CALIFORNIA GAMES	–	16.90	16.90
CAME FROM DESERT	–	19.90	–
CARRIER COMMAND	15.90	15.90	15.90
CASTLE WARRIOR	15.90	15.90	15.90
CHARIOTS OF WRATH	15.90	15.90	–
CHUCK YEAGER	–	–	20.90
CIRCUS ATTRACTIONS	12.90	12.90	–
CONFLICT EUROPE	15.90	15.90	15.90
CRAZY CARS II	13.90	13.90	16.90
CURSE AZUREBOND	–	–	20.90
DARK SIDE	14.90	14.90	–
DATASTORM	–	16.90	–
DENARIS	–	13.90	–
DEJA VU 2	16.90	–	–
DUNGEON MASTER	14.90	14.90	–
DREAM ZONE	14.90	14.90	14.90
DOMINATOR	13.90	13.90	13.90
DOUBLE DRAGON	12.90	15.90	12.90
DRAGON NINJA	12.90	15.90	–
DYNAMITE DUX	17.50	17.50	–
EMP STRIKES BACK	11.90	11.90	–
ELITE	14.90	14.90	14.90
EYES OF HORUS	15.90	15.90	19.90
FALCON MISSION DISK	13.90	13.90	–
FALLEN ANGEL	12.90	12.90	–
FANTAVISION	–	29.90	29.90
FERRARI FORMULA 1	17.50	17.50	19.90
F16 FGHTR (FALCON)	14.90	19.90	25.90
F16 COMBAT PILOT	14.90	14.90	14.90
FOOTBALL DIR 2	11.90	11.90	11.90
FOOTBALL MNGER II	11.90	11.90	13.90
FOOT MAN 2 EXT KIT	8.95	8.95	8.95
FORGOTTEN WORLDS	13.90	13.90	13.90
FED FREE TRADING	19.90	19.90	–
GAUNTLET II	13.90	16.90	–
GARFIELD WINTER	12.90	12.90	12.90
GEMINI WING	13.90	13.90	–
GIANTS	19.90	–	–
GRAND PRIX CIRCUIT	–	17.50	17.50
GUNSHIP	14.90	14.90	24.90
HATE	13.90	13.90	–
HAWK	17.90	17.90	17.90
HEROES OF LANCE	16.90	16.90	16.90
HIGH STEEL	12.90	12.90	–
HILLSFAR	–	–	16.90
HORSE RACING	–	–	16.90
HOSTAGE	14.90	14.90	14.90
HAWKEYE	13.90	13.90	–
H.K.M.	10.50	10.50	–
INDIANA JONES 2	13.90	13.90	13.90
INTERCEPTOR	–	15.90	–
INTER KARATE +	13.95	16.95	16.90
JACK NICKLAUS GOLF	–	–	19.90
JAWS	12.50	12.90	15.90
JOAN OF ARC	13,90	16.90	13.90
JRNY CENTRE EARTH	13.90	13.90	13.90
KENNEDY APPROACH	14.90	14.90	–
K DLGSH SCCR MNGR	12.90	12.90	12.90
KICK OFF	12.90	12.90	15.90
KINGDOM ENGLAND	–	15.90	–
KULT	15.90	15.90	15.90
LAST NINJA II	16.90	16.90	16.90
LED STORM	13.90	13.90	13.90
LEGEND OF SWORD	14.90	14.90	14.90
LEISURE SUIT LARRY 2	15.90	15.90	15.90
LEONARDO'S	12.90	12.90	–
LICENSE TO KILL	13.90	13.90	17.50
LIFE & DEATH	–	–	16.90
LOMBARD RALLY	15.90	15.90	15.90
LORDS RISING SUN	–	19.90	–
M1 TANK PLATOON	–	–	25.90
M. BEACON TYPING	22.90	22.90	–
MICROPROSE SCCR	14.90	14.90	–
MILLENNIUM 2.2	16.90	16.90	16.90
MONSTER SLAM	12.90	16.90	12.90
MR HELI	15.90	15.90	–
MURDER IN VENICE	15.90	15.90	15.90
NAVY MOVES	13.90	16.90	16.90
NEW ZEALAND STORY	13.90	16.90	–
NIGHT HUNTER	13.90	16.90	–
OUTRUN	13.90	13.90	–
OUTRUN EUROPA	10.50	10.50	13.90
OVERLANDER	11.90	14.90	–
OPERATION WOLF	13.50	16.50	13.50
PASSING SHOT	15.90	15.90	–
PERS NIGHTMARE	14.90	14.90	14.90
PHOBIA	16.90	16.90	–
PIRATES	15.90	–	–
POOL OF RADIANCE	16.90	16.90	16.90
PACLAND	11.90	11.90	–
PACMANIA	11.90	11.90	–
POLICE QUEST II	15.90	15.90	15.90
POPULOUS	16.90	16.90	–
POPULOUS (PROMISED LANDS)	7.40	7.40	–
POWERDROME	16.90	16.90	16.90
PRECIOUS METAL	16.90	16.90	–
PREMIER COLLCTN	19.90	19.90	–
QUARTZ	15.90	15.90	–
RAINBOW ISLANDS	15.90	15.90	15.90
RAINBOW WARRIOR	15.90	15.90	–
RED LIGHTING	20.90	20.90	20.90
ROAD BLASTERS	13.90	13.90	–
REAL CHOSTBUSTERS	13.90	13.90	–
RED HEAT	13.90	13.90	–
RENEGADE 1	13.90	16.90	–
RICK DANGEROUS	15.90	15.90	15.90
RINGSIDE	14.90	14.90	–
ROBOCOP	13.90	16.90	15.90
ROCKET RANGER	19.90	19.90	13.90
R-TYPE	13.90	16.90	–
RETURN OF THE JEDI	11.90	11.90	–
RUN THE GAUNTLET	13.90	16.90	–
RUNNING MAN	15.90	15.90	–
R.V.F. HONDA	15.90	15.90	–
S.D.I.	–	16.90	–
SHT'EM UP CON KIT	19.90	19.90	–
SKWEEK	13.90	13.90	16.90
S DAVIS SNOOKER	11.90	11.90	–
SWORD OF SODAN	–	19.90	–
SHINOBI	–	13.90	–
SILKWORM	12.90	15.90	–
SOCCER (OCEAN)	16.90	16.90	–
SPHERICAL	12.90	12.90	12.90
SPEEDBALL	14.90	14.90	14.90
SLEEPING GODS LIE	14.90	14.90	–
STAR COMMAND	20.90	–	25.90
STAR WARS TRILOGY	16.90	16.90	–
STARGLIDER II	14.90	14.90	14.90
STEALTH FIGHTER	13.90	16.90	–
STEIGAR	12.90	12.90	15.90
STAR WARS	11.90	11.90	11.90
STORMTROOPER	11.90	14.90	14.90
STUNT CAR RACER	15.90	15.90	15.90
SUPER SCRAMBLE	12.90	12.90	–
SUPER WONDER BOY	17.50	17.50	–
TALESPIN	19.90	19.90	–
TARGHAN	14.90	14.90	14.90
TEST DRIVE 2	–	16.90	19.90
THUNDERCATS	11.90	14.90	–
THUNDERBIRDS	15.90	15.90	–
THUNDERBLADE	13.90	16.90	–
THE CHAMP	–	11.90	–
THE KRISTAL	17.90	17.90	–
THE GAMES (Winter)	13.90	16.90	–
THE GAMES (Summer)	13.90	16.90	–
TIGER ROAD	13.90	16.90	–
TIME SCANNER	13.90	16.90	–
TIMES OF LORE	14.90	14.90	14.90
TOM & JERRY	15.90	15.90	–
TOTAL ECLIPSE	15.90	15.90	–
TRIV P NEW BGNNNG	11.90	11.90	13.90
TRCK ST MANAGER	11.90	11.90	14.90
TV SPORTS FOOTBALL	19.90	19.90	19.90
ULTIMA V	19.90	19.90	–
ULTIMATE GOLF	13.90	13.90	13.90
U.M.S.	14.90	14.90	14.90
UNTOUCHABLES	13.90	16.90	–
VERMINATOR	16.90	–	–
VIRUS	–	–	16.90
VOYAGER	12.90	15.90	–
VIGILANTIE	10.60	10.60	13.50
VINDICATORS	11.90	11.90	–
WAR MID EARTH	14.90	14.90	14.90
WATERLOO	–	–	16.90
WLLNGTN WATERLOO	15.90	15.90	–
WEIRD DREAMS	15.90	15.90	15.90
WICKED	13.90	16.90	–
XENON II	15.90	15.90	–
XENOPHOBE	15.90	15.90	15.90
XYBOTS	13.90	13.90	–
ZAK MCKRAKEN	16.90	16.90	16.90
1ST OVER GERMANY	–	–	19.90

Mail order Only. Postage included Great Britain. Add £1 per item EEC. Overseas add £2 per item.
Fast service, send cheque/PO to: Megasave, Dept TO, 49H Sutherland Street, Victoria, London SW1 V4JX.

Please note: New products will be dispatched day of release.

Please send for free list of new releases on Amstrad, Atari ST
PC, Amiga, Commodore and +3 state which list.

ATARI ST
AMIGA
PC

THE One

C·L·A·S·S·I·F·I·E·D

FOR FAST SALES

COMPUTER SALES AND REPAIRS

All types of home computers: Amstrad, Sinclair, etc. – repair prices from £7.00 inc. VAT and post and packaging and three month guarantee. Also available:

Sale of Amiga and Atari Computers spares, software, cables, peripherals, etc.

Tel: (0702) 618455 for immediate estimate.

THE COMPUTER FACTORY, Analytic House,
Unit 18A, Grainger Road Industrial Estate,
Southend-on-Sea, Essex SS2 5DD

SOFTWARE EXCHANGE

Swap your used or completed Amiga programs. FREE MEMBERSHIP. The economical way to serve your hobby. Don't leave programs on the shelf collecting dust. Get replacements to suit your tastes in software for a fraction of the cost of new programs. How? – Just send a SAE for full details to:

UK Software Exchange Club (THO)
15 Tunwell Greave, Sheffield, S5 9GB

ATARI ST PHOTO DIGITISING SERVICE

HAVE YOUR PHOTOS DIGITISED AND SAVED TO DISK IN BLACK & WHITE, OR ONE OF FOUR COLOUR TINTS.

£0.45 PER PICTURE FOR BLACK & WHITE
£0.50 PER PICTURE FOR COLOUR TINT

FOR MORE INFORMATION AND ORDER FORM, SEND SAE TO:

ST DIGITISING
90 Narford Road, Clapton, London E5 8RD

16/32 P.D.

PUBLIC DOMAIN FOR THE ST

Large Selection

Prices start from £1.00

Send A4 SAE with 25p stamp for catalogue or £1.25 for catalogue DISK with extra goodies to:

35 Northcote Road, Strood
Kent ME2 2DH
Tel 0634 710 788

ATARI ST AND AMIGA SOFTWARE

We have an all round selection of disks FORE HIRE. Apply now and hire your first four games free. Around 1,500 different original titles. For full details send a stamped addressed envelop or telephone Tuesday to Friday, 7pm-10pm

LOW ATARI PRICES

Atari 520 STFM **£299.90** post free + 15 disks.
Amiga A500 at only **£379.90. Post free.**

BEST QUALITY DISKS

Top quality unlabelled 3¼" double sided disks

10 for **£12.95**	50 for **54.95**
25 for **129.95**	100 for **£99.95**

Happy Discovery cartridges for the ST
Only £169.90 or £319.90 for 2.

£10 reduction on Happy Discovery cartridge if ordered before 31st September.
Uses include backing up all ST Software to date.
Send sae for details

GAMES & SOFTWARE
Dept THO, 35 Tilbury Road, Thorney Close,
Sunderland SR3 4PD
Tel: (091) 528 6351 Prop: P Taylor

THE GAMES SHOPPE

2nd year of trading

Atari ST's from **£270**
Commodore Amiga's from **£360**
We also sell peripherals for both machines, eg printers, disk drives, monitors, etc.
Also limited number of ST games at **£9.95** each
Please send SAE for full price list to:

THE GAMES SHOPPE
2 Crawford Village, Upholland
Lancashire WN8 9QP

WCA BUSINESS SYSTEMS

We offer a wide range of software for the Commodore Amiga and Atari ST machines. All the latest titles at competitive prices. We also stock a wide range of joysticks and peripherals.

HARDWARE

Amiga A500 with 1.3, Photon Paint and Modulator **£369.95**
Atari 520STFM Explorer Pack **£299.90**
Atari SM124 12" High Resolution Monitor £149.95

DISKS

10 unbranded Top Quality DS/DD **£9.99**
10 Goldmaster Disks DS/DD **£14.99**
10 Maxell Disks DS/DD **£29.99**
10 TDK Disks DS/DD **£23.99**

All prices include VAT and Carriage

For your free catalogue contact us stating make and model of machine.

WCA BUSINESS SYSTEMS
Dept TO, 295 Peniel Green Road, Llansamlet,
SWANSEA SA7 9BJ. Tel: (0792) 772745

ATARI S.T.

Games for **HIRE** or **PURCHASE**
TRY before you **BUY**
At least **15% off** all software
Guaranteed Originals
Life Membership
*Please enclose **LARGE S.A.E.** to:-*
Cum-Com Software
P.O. Box 101, Ashford,
KENT TN23 2WQ

AMIGA PD SOFTWARE write to 37 Stetchworth Drive, Boothstawn, Warsley, M28 4FU, Manchester, England. Over 250-300 titles all £2.50 each including P&P. Enclose S.A.E. for complete list.

ATARI AND AMIGA PROGRAMMERS required for a wide range of work. Excellent payment rates for high quality work. Please write to: P. Downey, Fairbanks, School Lane, Great Leighs, Chelmsford, Essex, CM3 1NL.

GAMES AMIGA, TV Football, Rocket Ranger, Geldregons Domain, Leatherneck, Defender Crown, ST, Captain Blood, Terrorpods, Barbarian, Starglider, Arena, Guild Thieves, Terramex, Ikari, Indiana, Pool, Bratacas, Each computer £50.00 the lot. T. Jackson, 3 Princess Gardens, Maybury, Woking, Surrey.

AMIGA PD! Join the fastest growing club. Free membership. £2 per disk! Send stamp for details and list to Am-Am PD Software, 23 Penmead Road, Delabole, Cornwall, PL33 9AP.

CHEAPEST ATARI ST PUBLIC DOMAIN IN BRITAIN! Yes, it's true, From just 75p. Also huge discounts on commercial software, Noe membership fees, no hassle. Send an A4 SAE to: Paradise Computers, 9 Westfield Crescent, Brighton, Sussex, BN1 8JB.

ST/AMIGA FANZINE Sector 16 Issue 2 is out now! Featuring a great new digitising service and growing PD library. Send 75p and a stamp to 160 Holloway Road, Cowley, Oxford, OX4 2QL.

16 BIT PROGRAMMERS wanted to get together to exchange techniques and to pool ideas and resources. Phone Mike Sadler on 947 4206 NOW.

"BETTING GAME" Horse racing PBM. Exciting, realistic, addictive, trophies, cash prizes. Starter pack £3; Turns £1.50. "Great Game" (S.P. I.O.W.); "Excellent" (G.J. Manchester). M.J. Gibbard, 15 Broadwaters Avenue, Thame, Oxon.

AMIGA PUBLIC DOMAIN SOFTWARE £2.25 per Disk or £20 for £10 inc. P+P, for full list send SAE to V. Pike, 23 Elborough Road, Moreden, Swindon, Wilts, SN2 2LS. Tel 0793 618343.

CHEAPEST IN BRITAIN! Public Domain for Atari ST from 75p per disc. New catalogue, 100's of new bargains! Send A4/5 SAE to Paradise Computers, 9 Westfield Crescent, Brighton, BN18 J13.

AMIGA CONTACTS WANTED to swap large selection of PD and other software. Send your list to Harvey Ellis, 20 Summit Drive, Woodford Green, Essex, IG8 8QP.

TEXT ADVENTURE GAMES for Atari STFM. Trials of Kronos or The Adventurer £5 each inc. P/P Cheques or P/O's D. Gray, 34 Hunters Hall Road, Dagenham, Essex, RM10 8JD.

CLASSIFIED COUPON

All you have to do is fill in the coupon below including your name, address and telephone number and send to: Classified Dept, The One, EMAP, Priory Court, 30 - 32 Farringdon Lane, London EC1R 3AU.
Maximum 30 words. Your advert will appear in the earliest possible edition.

Name:____

Address:______________________________________

____

______________________________ Tel:_______________

Have you included the fee of £6.00?
Make cheques payable to EMAP PUBLICATIONS LTD

CONDITIONS:
The Advertisement Manager reserves the right to alter, reject or suspend an advertisement without assigning any reason. Advertisements are accepted subject to approval of copy and to the right of the Advertisement Manager to alter, reject or cancel any order without explanation. The Proprietors are not liable for any loss from any cause whatsoever, nor do they accept liability for printers' errors. The Advertisers shall indemnify the Publishers in respect of any claim, cost and expenses arising out of any libellous or malicious matter or untrue statement in any advertisement published for the advertisers, or any infringement of copyright, patent or design therein. The placing of any order will be deemed to be an acceptance of these conditions.

PHONE
KATHRYN
NOW ON

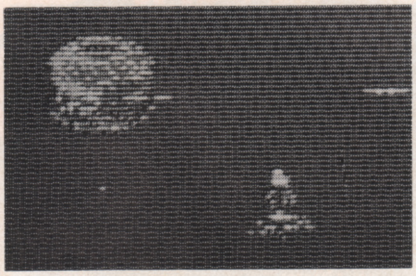
01-251-6222

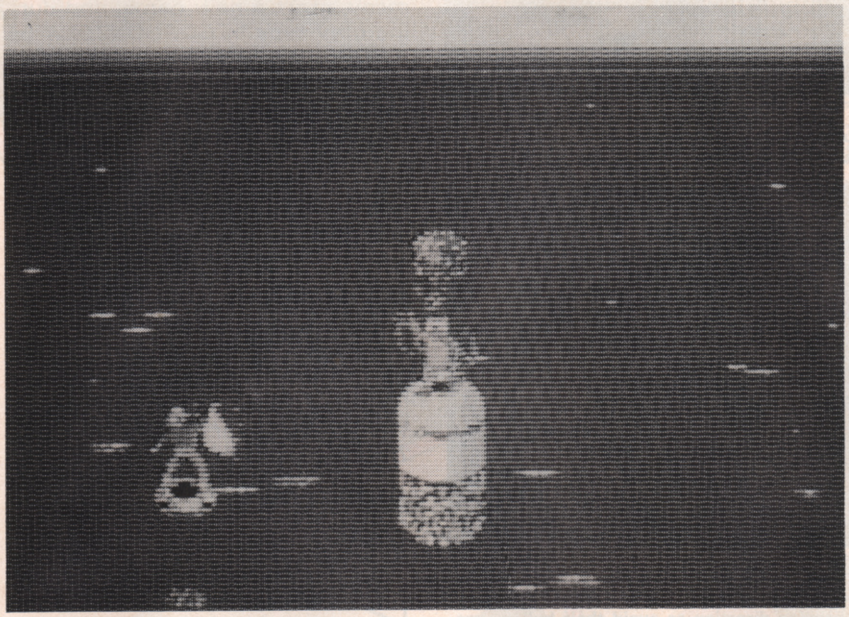
TIPS

TYPHOON THOMPSON

Domark

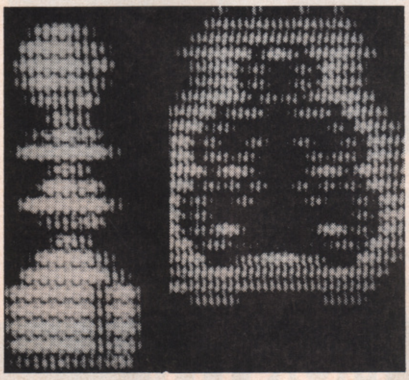
▶ **A good way to pick up Sprites and avoid enemy fire is to fly underwater. This is done by tilting forward as much as possible and then igniting the turbo booster. While underwater you can still collect Sprites and are safe from most types of Flyer – but there are certain kinds which will follow you under. To return to the surface, fire your weapon.**



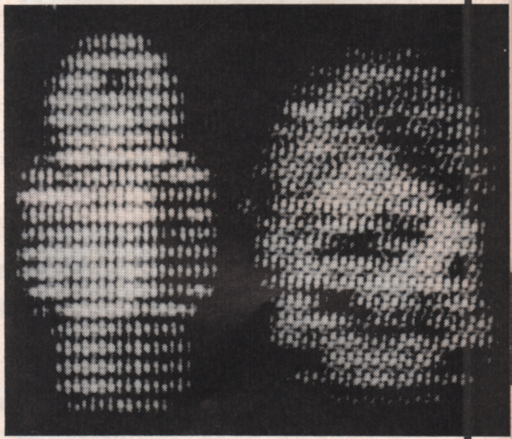


▲ **Once you have destroyed all the Flyers and collected all the Sprites, a circle of red lights flashes around the Treasury Dome in the centre of the village. Fly over any one of these lights to exchange your captured Sprites for the artefact you are after.**

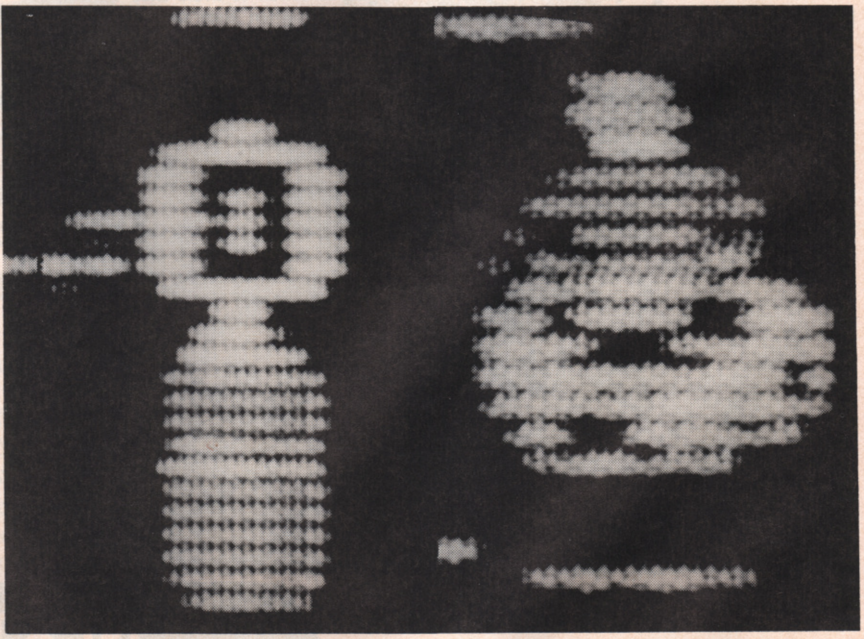
▼ **The Zapper is the nastiest Flyer of all – it can fly both above and below the water. It pauses when it gets close to you and then suddenly rushes towards you. It destroys both you and your jetsled on contact.**



▼ **The easiest Flyer to beat is the Bumper. These simply bump into and spoil your aim, but they also follow you underwater and knock you to the surface.**

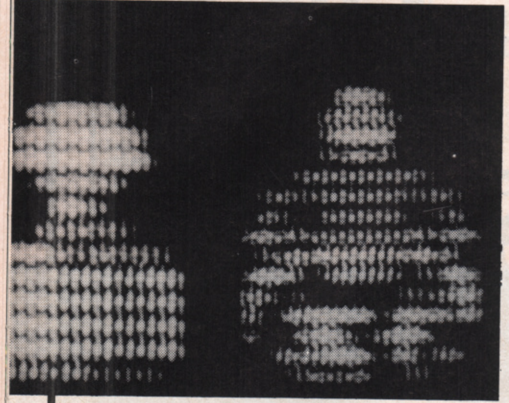


▼ **The Forcer is protected by a repellant forcefield which pushes you away from it. It isn't particularly dangerous, but it's difficult to hit as you have to shoot from long range.**

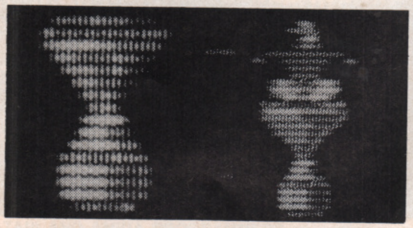


A FUSION RETRO BOOKS PUBLICATION

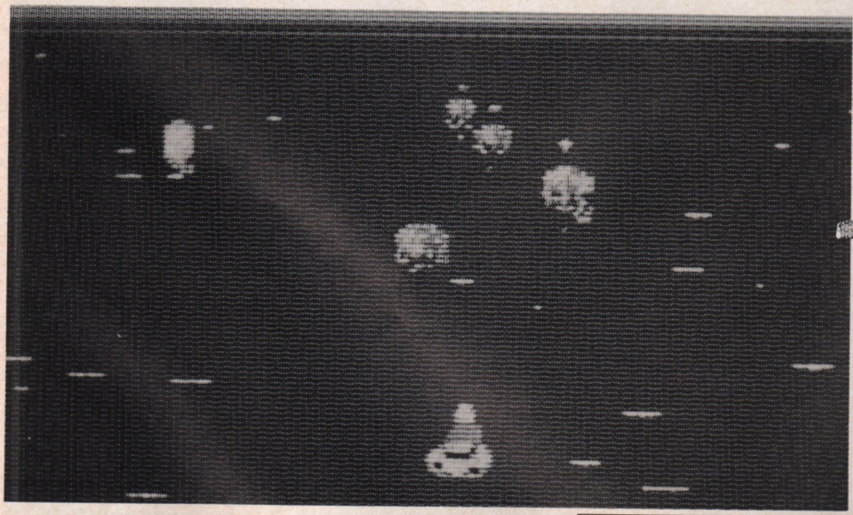
▼ **Wompers bounce across the water towards you, and if they come into contact with your jetsled, you're history.**

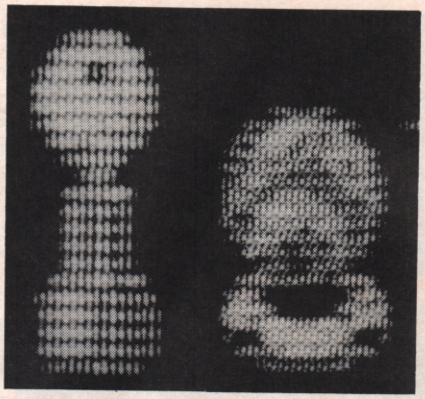


▼ **Suckers pull you towards them, destroying your jetsled if you get too close.**

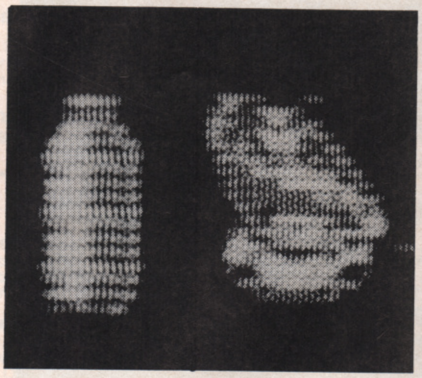


▼ **A common problem is that when a Sprite is released from its Flyer by shooting it, there's precious little time to capture it before it returns to its pod. To overcome this, lure the Flyer as far away as possible from the village and shoot it there. You've then got plenty of time to capture the Sprite before it can get back to the village.**





▲ **Spitters fire at you constantly. They are most accurate if you stay still, so keep on the move to confuse them.**



▲ **Bubblers act like Spitters, so the same tactics apply, ie: keep changing direction to avoid their bullets, but watch out – when they die they release a barrage of bubbles in a last-ditch attempt to kill you.**

SILKWORM

Virgin

▷ ST only. When the high score table appears during the attract mode, press C to reveal FAT MOUSE'S CHEESE MENU, which can be scrolled through to reveal the name of just about every kind of cheese imaginable – except Gorgonzola. Exit the menu, start a new game, and during play type in GORGONZOLA to activate the 'cheese mode' and trigger plenty of cheesey effects, such as turning the bouncing bombs into red edams and replacing many of the game messages with 'edam'. But there's more to this cheat mode than cheesey hilarity. Hit C while playing to add extra credits!

NAVY MOVES

Dinamic

▷ The entry code to the second level, as supplied by Steve Williams of County Durham: 786169.

SAVAGE

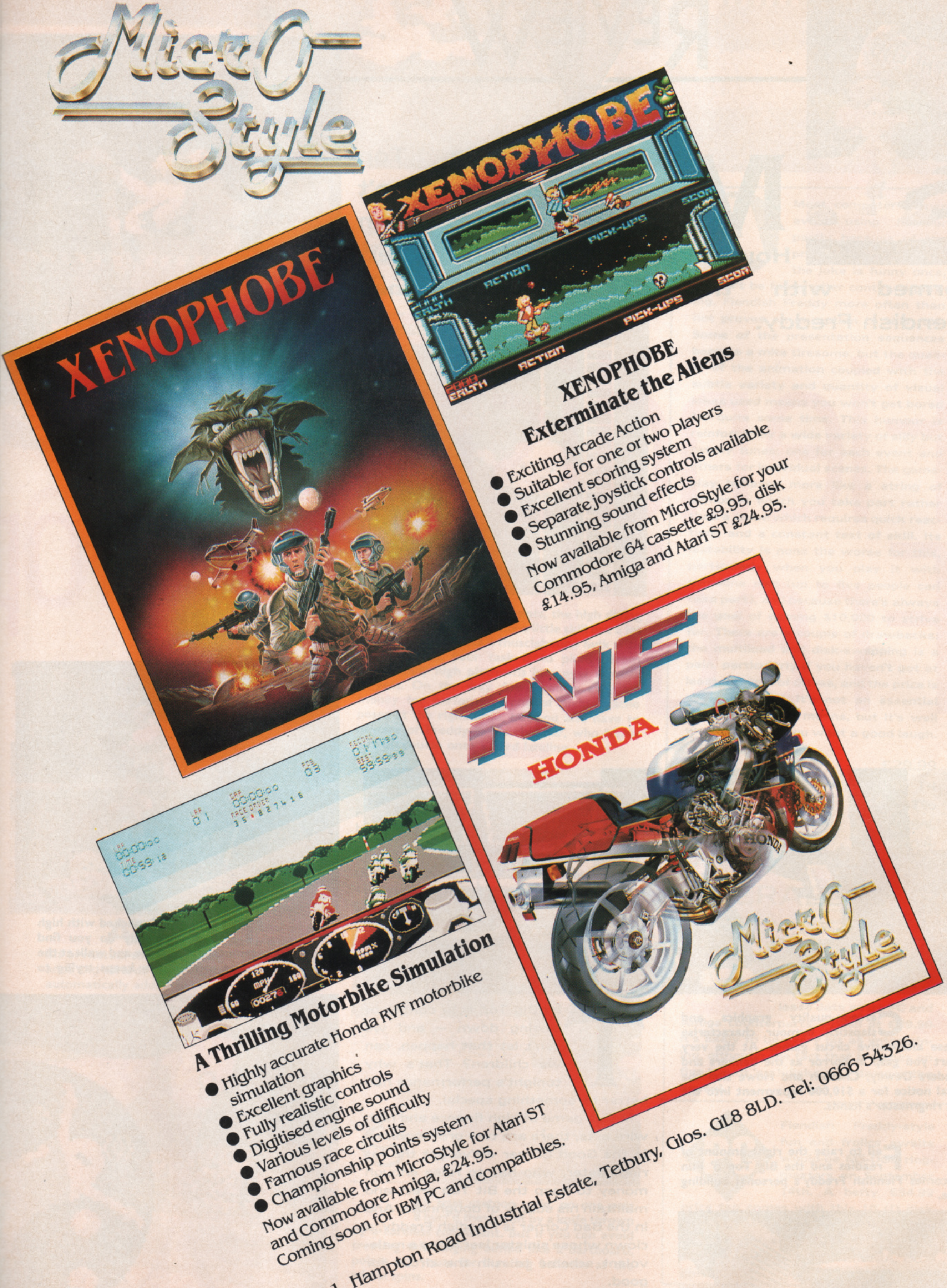
Firebird

▷ The codes to the second and third sections:
SECTION 2: Sabatta
SECTION 3: Porsche

TIPS

NEXT MONTH!

- **WEIRD DREAMS** help (honest!)
- **RICK DANGEROUS** part three!
- **3D POOL** trick shots!


MicroStyle
XENOPHOBE
XENOPHOBE
ACTION
PICK-UPS
EARTH
SCORE
RVF
HONDA
MicroStyle

XENOPHOBE

Exterminate the Aliens

- Exciting Arcade Action
- Suitable for one or two players
- Excellent scoring system
- Separate joystick controls available
- Stunning sound effects

Now available from MicroStyle for your Commodore 64 cassette £9.95, disk £14.95, Amiga and Atari ST £24.95.

A Thrilling Motorbike Simulation

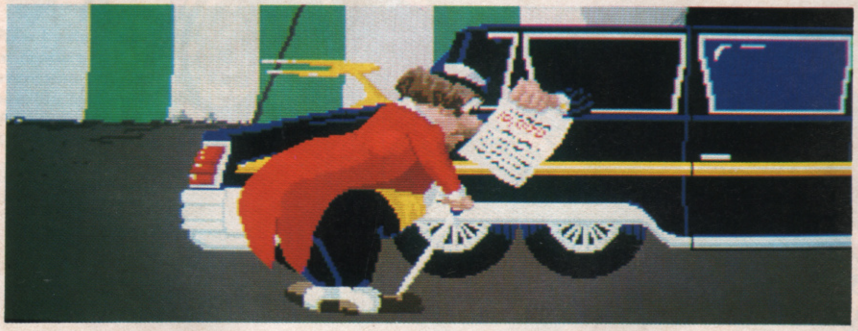
- Highly accurate Honda RVF motorbike simulation
- Excellent graphics
- Fully realistic controls
- Digitised engine sound
- Various levels of difficulty
- Famous race circuits
- Championship points system

Now available from MicroStyle for Atari ST and Commodore Amiga, £24.95.
Coming soon for IBM PC and compatibles.

Unit 1, Hampton Road Industrial Estate, Tetbury, Glos. GL8 8LD. Tel: 0666 54326.

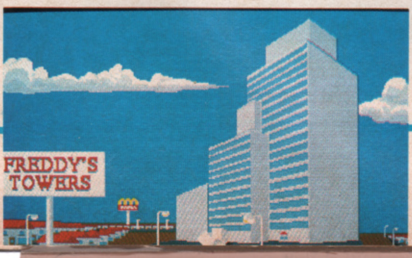
Mindscape's Big Top O'Fun certainly isn't fair... as Gordon Houghton found out when he performed with the appropriately named Fiendish Freddy.

Fiendish Freddy's Big Top



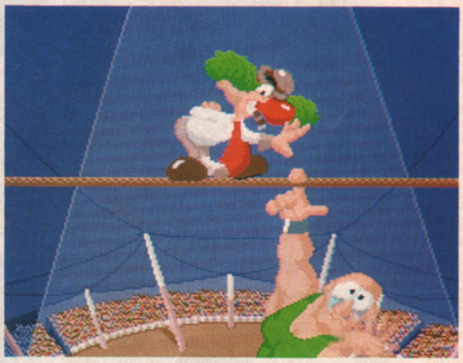
Cartoon-quality graphics and slapstick humour characterise these alternative circus games. At the very start you gasp in horror as the bankers and lenders Dewey, Chetum and Howe slap the final notice for a $10,000 repayment into the fat ringmaster's hands.

Fail to raise the right amount of readies and the Big Top o' Fun becomes Fiendish Freddy's personal building site.

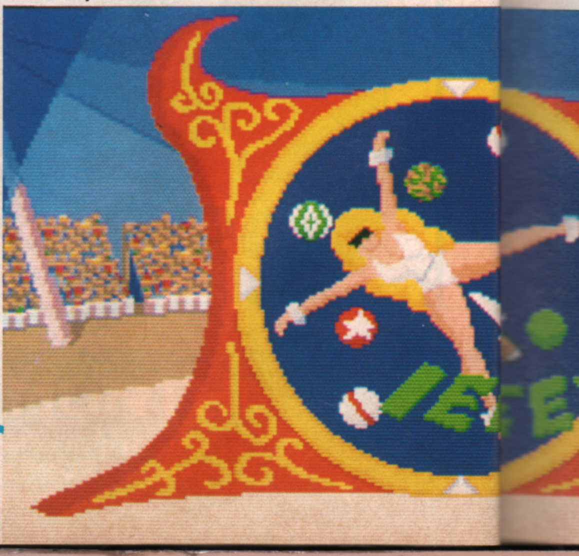


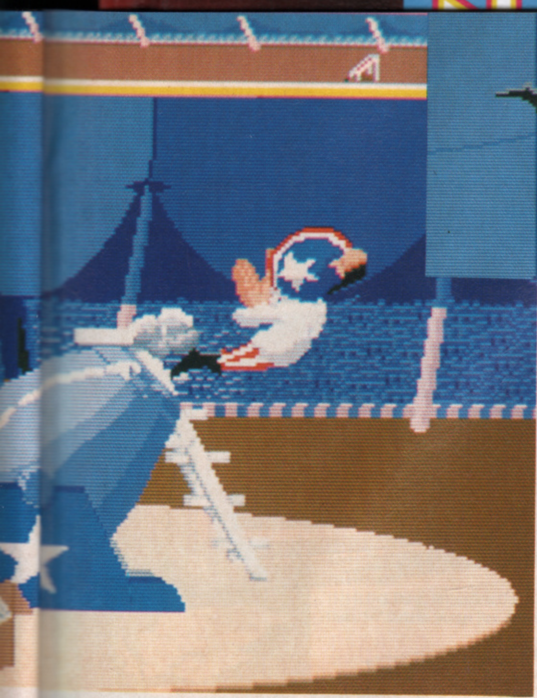
The Big Top is in danger of closing down – and we can't let that happen, can we children? That's why tonight's performance had better be something special.

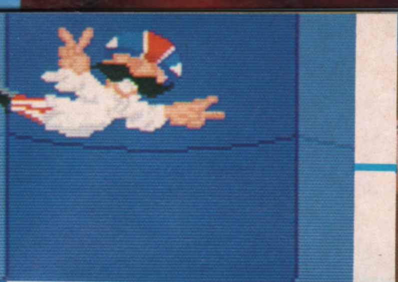
In this game of high finance and high wire acts, there are two protagonists. In the Good Corner we've got the fat ringmaster, who has to raise enough money to keep the Bit Top erect and maintain his supply of doughnuts. And in the Bad Corner is Fiendish Freddy, a clown whose sinister leer hides a malevolent scheme to ruin the circus for good.

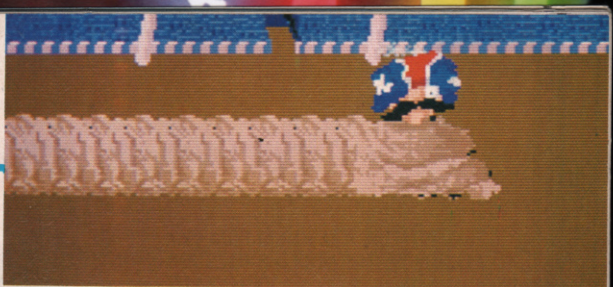


The high wire is packed with high anxiety: not only do you find yourself attempting to balance and walk at the same time, but some clown keeps trying to knock you off . . .

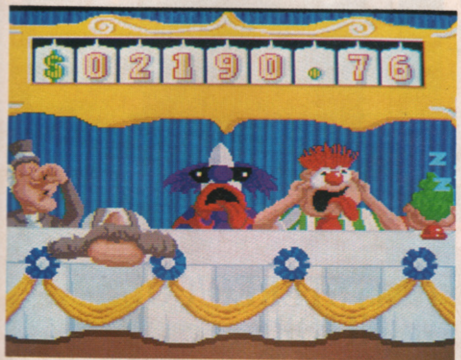






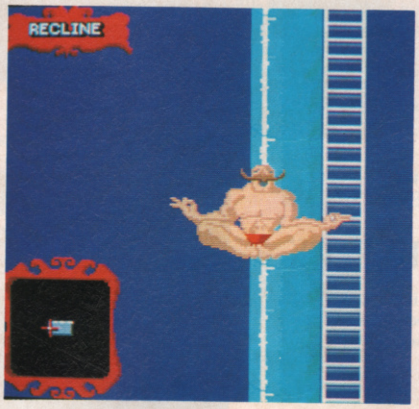


p O' Fun



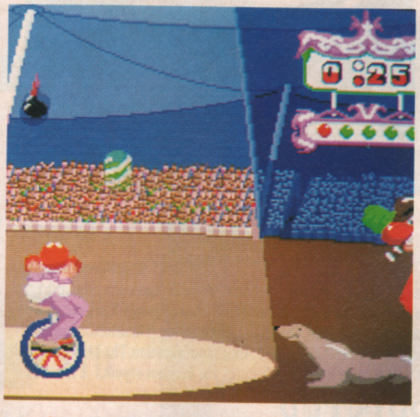
After each event a panel of five ker-razy characters indulges in a bit of mutual throttling, judges your performance and awards cash accordingly. This is then automatically added to your running total.

Line up the net correctly, load up with the right ammunition and set the cannon to the right angle and you might just make it to a soft landing. Otherwise the choice is between a crushed skull or an explosive experience as you're corked in by the devious disturbed dastard, Fiendish Freddy.



Like all the events, the high diving requires only a little skill but a lot of concentration. As a musclebound hulk with a moustache, your task is to plunge from increasingly high platforms into ever smaller targets. On the way down you're awarded money for performing one of eight macho poses at the right time, but you also have to beware of Freddy in his chopper, who blows you off course onto a hard landing.

A good sense of timing and basic joystick movements are all you need in the juggling event. Drop an object before the time runs out and the dastardly clown tosses you a bomb, reducing you to a sad pile of ashes. Keep juggling for 45 seconds though, and you move onto the next stage, earning even more money!



In true cartoon style, no one gets hurt if they're hit by a knife thrown by a careless contestant. But if you can avoid treating this bulging bimbo like a dartboard, points are yours for bursting balloons as the wheel spins.

A Most computer games avoid using humour partly because of the premise that, even if the joke is funny once, it won't be funny after continual playing. Fiendish Freddy more often than not proves an exception to this rule. Some of the presentation sequences become a mite tiresome, but the quality of the animation coupled with the subtle variety and quantity of visual jokes used means you won't get bored for quite some time. This humour is reinforced by a wide variety of silly but catchy tunes; one for each event and others for individual scenes. The gameplay behaves more like a string of demos in which you take part rather than a game which requires quick reactions and a constant test of skill. Its lastability is none the worse for this, particularly when you play it with someone else (up to five people can take part), and because there's always the goal of earning $10,000 to strive for. There are a couple of drawbacks: the multiload and disk-swapping is a pain, particularly if you haven't got at least a couple of drives, and the price is no joke either. It's not an essential purchase by any means, but it's well worth a look if you want a good laugh.

PRICE	£29.99
RELEASE DATE	September 14
GRAPHICS	87%
SOUND	88%
PLAYABILITY	70%
VALUE	60%

OVERALL 76%

ST The Atari incarnation is currently nearing completion in time for the same September release date as its PC and Amiga counterparts. Priced at £29.99 it's likely to be every bit as entertaining, although the fact that it comes on five (count 'em) disks may dampen the appeal.

PC Fiendish Freddy-style fun and frolics awaits would-be MS-DOS ringmasters on September 14th. A hefty £34.99 price tag comes with this 10 (!) disk package, which caters for both disk formats with seven 5¼″ and three 3½″ disks – all compatible with CGA, EGA and VGA.

THE AMAZING AMIGA . . .

COMMODORE AMIGA 500

Commodore
AMIGA
500
Your Imagination is the limit

1084
Commodore

Pack Includes:
A500 CPU, Mouse, P.S.U., T.V. Modulator, Very First Tutorial, Workbench 1·3, Basic, Extras and Manuals.

PLUS POSTRONIX BONUS PACK
WORTH OVER £250 which includes 10 Blank Disks, Disk Storage Box, 10 Excellent Games, Mouse Mat, Mouse Bracket (Mouse Holder) Deluxe Paint.

£399.00 + £5.00 post and packing

AMIGA 500 PLUS DISK DRIVE

Instruction Manuals, Extra Disk, Workbench 1·3, The Very First Tutorial, T.V. Modulator, Photon Paint, Mouse **PLUS** additional Amiga Compatible Disk Drive and 10 Blank Disks.

£449.00 + £5.00 post and packing.

AMIGA 500 + 1084S STEREO/ COLOUR MONITOR

(including the Amiga 500 deal) **£649.00** + £10.00 post and packing

MPS 1500C

MPS 1200P

1084
Commodore

1084 HIGH RESOLUTION COLOUR MONITOR

1084S STEREO/COLOUR MONITOR

Compatible with PC, Amiga, C64c, C128

£259.00 + £5.00 post and packing

MPS 1200P

£229.99 + £5.00 post and packing

The Commodore MPS1200P printer presents the state of the art in dox matrix printers, with all the features of a printer that would cost much more. The MPS1200P is designed to be like three printers in one. It can act just like an Epson FX printer, or with the flip of a switch, it can act just like an IBM Graphics Printer with IBM Group II-I character set (Danish/Norwegian character set) support. It can also print all the characters available with the Amiga in the Amiga configuration. The MPS1200P is capable of all the printing functions you would expect, as well as some additional features you may not expect.

MPS 1500C COLOUR PRINTER

£199.99 + £5.00 post and packing

A. TECHNICAL CHARACTERISTICS

PRINTING TECHNIQUE ....Impact dot matrix (9-needle print head).
DRAFT MODE .... – matrix: 9 vertical dots x (5 + 4) horizontal dots; – print speed: 120 char/s, at 10/char in
TABULATION SPEED ....2 char/s
PRINTING DIRECTION ....bi-directional, with optimised head movement
PRINT PITHES ....10 char/in to 24/char/in programmable from line, and in SET-UP mode
LINE FEED ....– 1/6in (4.23 mm), 1/8 (3.17 mm) and 7/72 in (2.4 mm); – n/216 in and n/72 in.
CHARACTER SET ....ASCII characters and special characters.
MAX. PRINT LINE LENGTH ....40 top 192 characters, according to print pitch selected.

AMIGA 1010 DISK DRIVE

AMIGA 1010 DISK DRIVE

Amiga 3.5″ external drive. Capacity 880K

PLUS FREE DISK STORAGE BOX & 10 BLANK DISKS

£149.99 + £5.00 post and packing

A501 RAM PACK

512K for the Amiga

£149.99 + £5.00 post and packing

. . . AND MORE BESIDES!

COMMODORE OLYMPIC PACK

THIS TOPICAL GAMES COMPENDIUM OFFERS A TRUE SPORTING CHALLENGE

Pack contains: C64c Computer 1530 Datasette, Quickshot Joystick, Matchpoint (Tennis), Snooker, World Championship Boxing, Daley Thompsons Supertest, Hypersports, Basketball, Matchday II, Daley Thompsons Decathlon, Basket Master, Track and Field.

PLUS POSTRONIX BONUS PACK OF £100 OF FREE SOFTWARE

£149.99
+ £5.00 post and packing

COMMODORE FAMILY ENTERTAINMENT

AN EXCELLENT PACK PROVIDING HOURS OF ENTERTAINMENT FOR ALL THE FAMILY

Pack includes: C64c Computer 1530 Data Cassette, Quickshot II Joystick, Personal Hi-Fi, Commodore Juke Box Audio Tape (10 Hits), Yamaha SHS10 FM Digital Keyboard with Midi, Ghostbuster, Rollaround, Tau Ceti, Agent X11, Surprise Game.

Plus: POSTRONIX BONUS PACK OF £100 OF FREE SOFTWARE

ONLY £199.99
+ £5.00 post and packing

1541 DISK DRIVE PACK

1541 II DISK DRIVE PACK

Pack includes:
1541 II Disk Drive, 10 Excellent Disk Games, 20 Blank Disks, 5¼" Diskette Storage Box. **AND GEOS!**

£169.99
+ £5.00 post and packing

THE HOLLYWOOD PACK

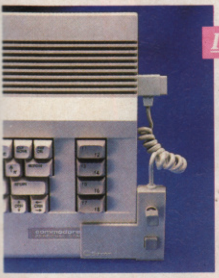
A GREAT DOUBLE THEME PACK OFFERING THE BEST OF HOLLYWOOD, PLUS A COMPENDIUM OF T.V. GAME SHOWS

Pack includes: C64c 1530 Data Cassette, Quickshot II Joystick, The Great Escape, Miami Vice, Platoon, Rambo, Top Gun, Every Second Counts, Blockbusters, Bullseye, Trivial Pursuit, Krypton Factor.

Plus: POSTRONIX BONUS PACK OF £100 OF FREE SOFTWARE

ONLY £149.99
+ £5.00 post and packing

C= COMMODORE 64C
HOLLYWOOD
PRESENTS
PLAY A.N
ocean
RAMBO
TOP GUN



ICONTROLLER

ICONTROLLER

Icontroller is semi permanently mounted on your computer console. Icontroller leaves hands on the keyboard while executing Icon commands with your fingertips.

£15.99

COMMODORE ADD-ONS

A) 1750 RAM EXPANSION MODULE FOR CBM 128
Simply plug it into the expansion port on your CBM 128 and 512K Bytes of additional Ram are available.

B) 1351 COMMODORE MOUSE
The Commodre 1351 Mouse is controller designed for use wth the CBM 64/128.

C) 1764 RAM EXPANSION MODULE FOR COMMODORE 64
How do you get a total of 320K Ram on your 64, just plug in the 1764 Module.

A £149.99 B £19.99 C £99.99
All prices + £5.00 post and packing.

SEIKOSHA PRINTER

SEIKOSHA PRINTER

Compatible with most makes of Commodore computers. Features variety of fonts including graphics and near letter quality, reverse printing, italics, tractor feed and paper seperator. Comes complete with serial cable.

£159.00
+ £5.00 post and packing

STARFIGHTER

Compatible with Sinclair Spectrum, Commodore. Atari Computers. Atari 2600 Video Games Systems.

£14.95

CHEETAH 125+

Compatible with Spectrum. Commodore. Atari 2600 Video System. Atari. Amstrad PC. Amstrad.

£8.95

SLIK STIK JOYSTICK CONTROLLER

Compatible with Atari Computers. Atari Games System. Commodore.

£6.99

RAM DELTA DELUXE MICROSWITCH JOYSTICK

Compatible with Atari computers and Video Games Machines. Amstrad PCW (with adaptor). Spectrum (with adaptor). Commodore.

£9.99

CHALLENGER DELUXE

Compatible with Spectrum (with optional interface). Commodore. Atari 2600 Video System. Atari Computers. Amstrad computers.

£4.99

TAC 5 CONTROLLER JOYSTICK

Compatible with Atari. Commodore.

£13.99

COMPETITION PRO 5000

Compatible with Commodore 64 and Vic 20. Sinclair ZX Spectrum (interface required).

£14.95

TAC 2 CONTROLLER JOYSTICK

Compatible with Commodore 64 and Vic 20. Atari Computers. Atari Game Systems.

£10.99

MICRO HANDLER MULTI FUNCTION JOYSTICK

Compatible with Commodore. Commodore C16/+4 (adaptor required). Atari.

£24.95

ONLY AVAILABLE FROM POSTRONIX LTD

A whole new range of innovative computer covers, made from durable clear plastic. Designed to fit your computer perfectly … not only safe from dust but also all forms of accidental damage.

C64 OLD STYLE	£6.99
C64C NEW STYLE	£7.99
AMIGA 500	£9.99
ATARI 520ST	£9.99
ATARI 1040ST	£9.99

LARGE STOCKS OF SOFTWARE & ACCESSORIES FOR ALL 16 BIT, 8 BIT COMPUTERS – ALSO ALL MAJOR GAME CONSOLES – PHONE (0604) 791771 NOW WITH YOUR REQUIREMENTS.

postronix

TITLE (TICK) ☐ MR. ☐ MRS. ☐ MISS

INITIALS ☐☐☐☐

SURNAME ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

ADDRESS

POST CODE

CUSTOMER NO (IF KNOWN)

SEND YOUR ORDER TO:

POSTRONIX
NENE ENTERPRISE CENTRE
FREEHOLD STREET
NORTHAMPTON NN2 6EW

OR PHONE 0604 791771
24 HOUR ORDER SERVICE

ALL SOFTWARE ITEMS ARE INCLUSIVE OF P/P. ALL HARDWARE ITEMS ARE £5.00.
FOR NEXT DAY DELIVERY £10.00 P/P. (CREDIT CARD & CASH ORDERS ONLY).

AC/DBNOV

CATALOGUE ITEM NO.	DESCRIPTION	ITEM PRICE	QTY	TOTAL PRICE

BARCLAYCARD VISA

IF YOU REQUIRE A FREE CATALOGUE PLEASE TICK ☐

PLEASE DEBIT MY CREDIT CARD

SIGNATURE .... DATE ....

(CARD HOLDERS PLEASE STATE EXPIRY DATE)

OR ENCLOSE CHEQUE/POSTAL ORDER FOR £ CHEQUE PAYABLE TO POSTRONIX

SEE NOTE

TOTAL GOODS

POSTAGE & PACKING

GRAND TOTAL

OFFER APPLIES TO U.K. ONLY. OVERSEAS ORDERS CHARGED AT OVERSEAS RATE.

FUN FROM DOWN UNDER THAT WILL HAVE YOU STANDING ON YOUR HEAD

TAITO
THE NEWZEALAND STORY
WAKO
THE NEWZEALAND STORY

TAITO'S ARCADE HIT POUNCES ONTO YOUR MICRO SCREEN WITH A BURST OF ZANY ACTION.

Wally Walrus has captured his tea – 20 of Joey Kiwi's friends from the New Zealand zoo, and if Joey doesn't rescue them all by tea-time they'll be stuffed, served and swallowed at Wally's table. Joey has to search Wally's domain which is just how you would expect it to be – FAT with danger!

Armed only with a bow and arrow, Joey can accumulate more weapons along the way. Beware of the malicious rabbits, boomerang throwers, deadly frogs, blood-sucking bats and many, many more villainous creatures.

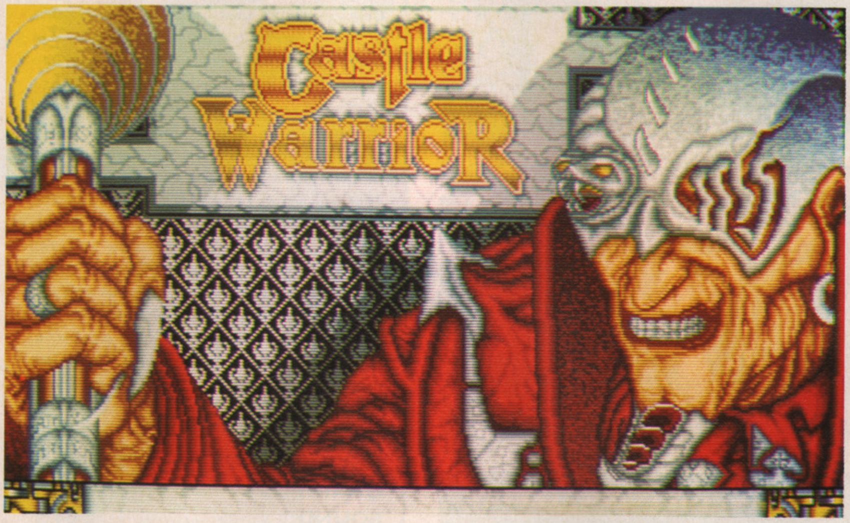
SPECTRUM
8.99
CBM/AMSTRAD
9.99
ATARI ST
19.99
AMIGA
24.99

"IRRESISTIBLE ... AN ARCADE-PERFECT CONVERSION"
– ZZAP
"A SUPERB GAME IN EVERY RESPECT"
C+VG
"INCREDIBLY ADDICTIVE ... IMMENSELY PLAYABLE ... 94%"
– AMIGA FORMAT
"TREMENDOUS FUN ... BRILLIANT STUFF!"
– THE ONE

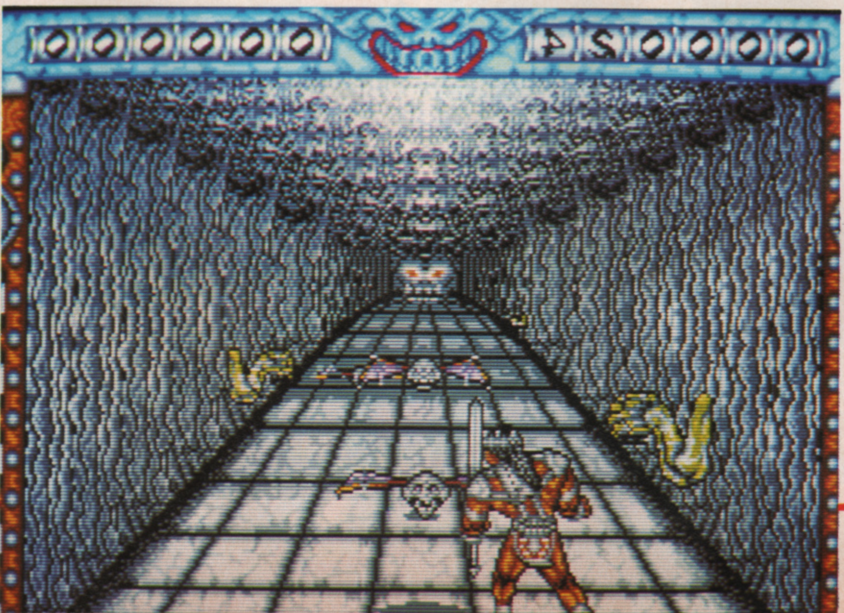
an Software Limited · 6 Central Street · Manchester · M2 5NS
e: 061 832 6633 · Telex: 669977 OCEANS G · Fax: 061 834 0650

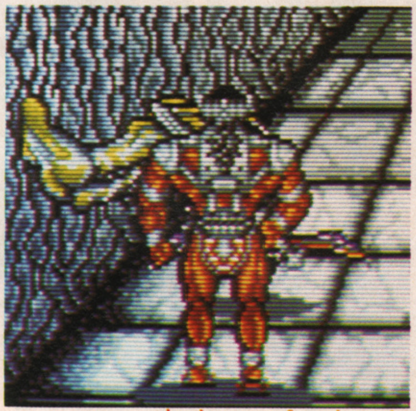
Castle Warrior

Delphine's latest sees Brian Nesbitt wielding his weapon with precision and grace in a mission to save a dying king and his land.



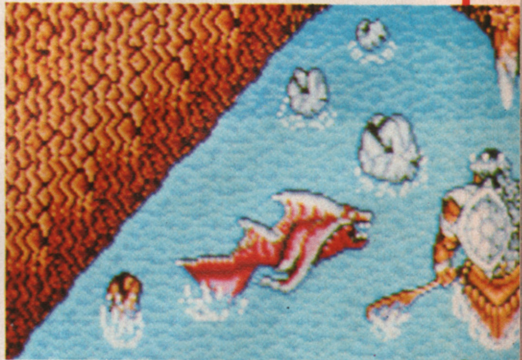
Level One is a stroll down the subterranean passage that leads to Zandor's castle. This Corridor Of Death is filled with deadly bats and grabbing hands – not to mention a large golden snake and a not-so-jolly green giant. Both of these beffy beggars spit fireballs, and it takes a timely sweep of your sword to send the destructive orbs flying back.



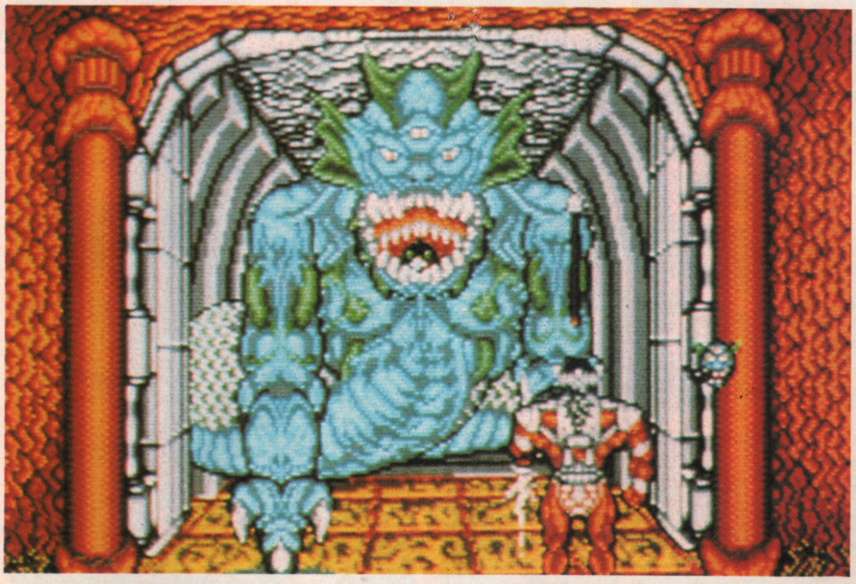


A shadow of despair hangs over Pacifia, the Land Of Peace. Its king, Edelred, is about to die, poisoned by the evil wizard Zandor who wants to rule supreme. Enter Edred The Brave, son of Edelred and a warrior to be reckoned with. Only he can save both King and Kingdom from certain oppression by destroying Zandor – but not before acquiring an antidote.

You control Edred in his journey through four levels of differing gameplay styles before a confrontation with Zandor (seen here on the title screen). The journey back home's no picnic either...

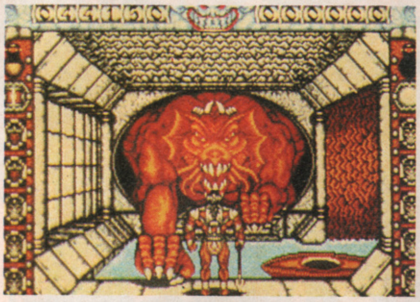


The Subterranean River isn't the sorta water you want to go swimming in. Not only are there Rocks Of Death to negotiate, but killer goldfish to fend off and, falling stalactites to deflect – swifty use of your shield is the order of the day here.

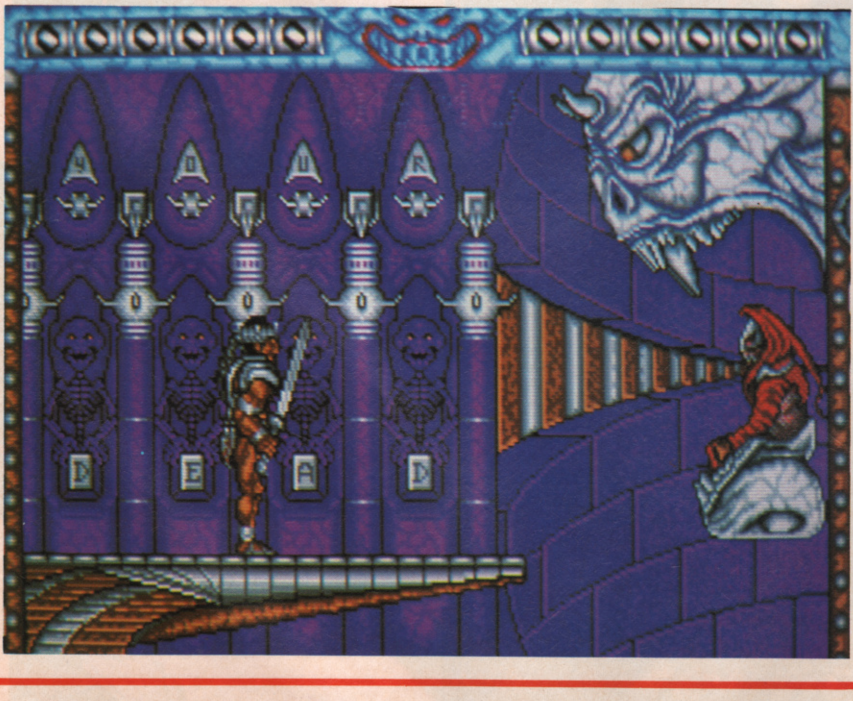


◀ **The end is in sight. Level Four is much the same as Level Two, and sees you doing battle with Zandor's guard: the monstrous Jibba.**

▶ **The mighty dragon Olisos stands between you and the third level. Your best bet is to unleash a barrage of spears in its general direction while dodging the beast's long arms and avoiding the fireballs it spits.**



▼ **At last, a fight to the death with Zandor. The antidote is within reach, although he's none to keen to give it up and so throws evil spells in your direction to prevent your beating him with your sword.**



A Castle Warrior is slick and polished, with music to stir the soul and graphics to astound and amaze. It looks like Dephine was attempting to produce a more interactive and subsequently playable incarnation of the laser disc coin-op Dragon's Lair. Full marks for trying but the end result is, unfortunately, lacking. There are only six sections, which wouldn't be such a problem if each had more depth and playability – but they haven't. Section One doesn't last very long, which actually isn't so bad as the action is slow paced and not varied enough to enthrall. The spear-throwing antics of Section Two are even more limited and uninteresting, and while the dodging and deflecting involved in Level Three is somehow reminiscent of the first section, your reflexes are put to the test so the going is more enjoyable. And so it goes on (although not for long). Most of us yearn for a more interactive form of 'movie', but maybe this sort of game should be left to the memory abundant laser disc systems. Or maybe we should make software more like games and less like movies.

PRICE	£24.99
RELEASE DATE	Out Now
GRAPHICS	79%
SOUND	81%
PLAYABILITY	64%
VALUE	58%

OVERALL 61%

ST Anyone familiar with Delphine's debut Bio Challenge will know that the team has the talent to minimise the differences between different versions. Castle Warrior is no exception – well, apart from the fact that it comes on two disks and costs £19.99. It should be out now.

PC The news for MS-DOSers is... well, this: Castle Warrior won't be appearing on IBM PCs and its many many compatibles. Sorry 'bout that, but the PC isn't such a big noise on the other side of the Channel.

THE ADVENTURE BEGINS WHEN RICK DANGEROUS, SUPER HERO AND PART TIME STAMP COLLECTOR IS IN DIRE PERIL, ARMED ONLY WITH HIS TRUSTY SIX SHOOTER, A STICK AND SOME DYNAMITE, RICK CRASH LANDS SOMEWHERE IN SOUTH AMERICA. HOW LONG HE CAN SURVIVE IS UP TO YOU.

RICK DANGEROUS IS AVAILABLE FOR SPECTRUM AND AMSTRAD, CASSETTE AND DISK PRICE £9.99, £14.99; COMMODORE 64, CASSETTE AND DISK PRICE £9.99, £12.99; ATARI ST, COMMODORE AMIGA AND IBM PRICE £24.99.

FIREBIRD
RICK DANGEROUS

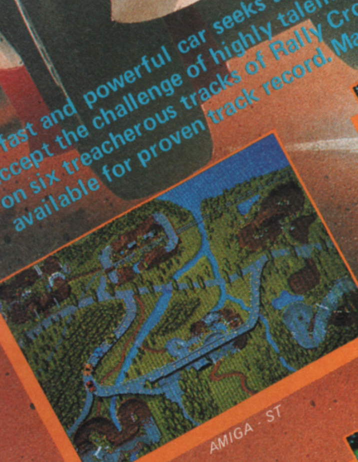
© 1989 CORE DESIGN LTD.

FIREBIRD, UNIT 1, HAMPTON ROAD INDUSTRIAL ESTATE, TETBURY, GLOS. TEL: 0666 504326.

RALLY CROSS
Challenge
A FUN TO PLAY SIMULATION
MICHELIN
PEUGEOT
SHELL

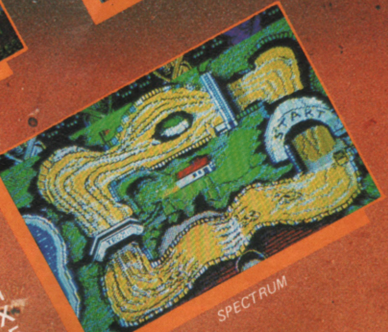
A fast and powerful car seeks an adventurous driver of cool courage to accept the challenge of highly talented and experienced computer drivers on six treacherous tracks of Rally Cross. Powerful car enhancements available for proven track record. Max of four applicants considered.

AMIGA · ST


AMIGA · ST

CBM 64

WEATHER REPORT
DRIVING HARD
JOYSTICK 1
JOYSTICK 2
DAVE DARING
MAD MIKE
COMPUTER
AMIGA · ST



SPECTRUM

AMIGA - ATARI ST £19.95
IBM AT/XT (CGA/EGA/VGA) £24.95
CBM 64 - SPECTRUM
AMSTRAD - MSX
Cassette £9.95
Disc £14.95

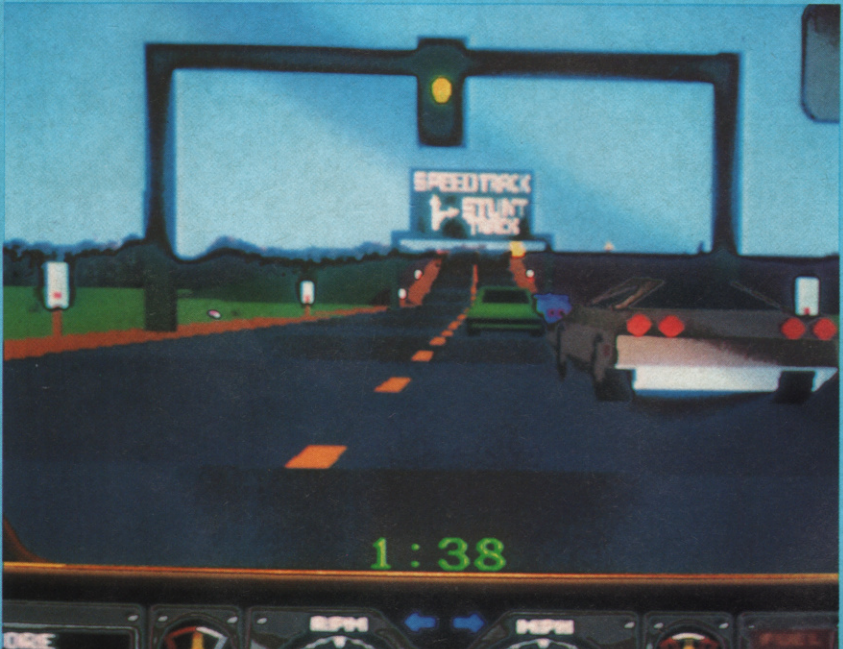
ANCO

ANCO SOFTWARE LTD., UNIT 10, BURNHAM TRADING ESTATE, LAWSON ROAD, DARTFORD, KENT.
Mail Order by Cheque, Postal Order, ACCESS or VISA.
Telephone No.: 0322 92513/92518.
FAX No.: 0322 93422.

WORK IN PROGRESS

Hard Drivin'

What's your vector Victor? Atari's sit-down driving simulator houses enough hardware to run an average house – so what chance do the incredibly realistic 3D graphics have of making it to your bedroom? Gary Penn takes to the road to investigate...



Converting Atari's superlative driving simulator is no mean feast, what with the coin-op boasting multiple maths processors and 256 colours on screen. Obviously a dab hand with vector graphics is needed to accurately capture the original's look and feel on 16-bit. So who better than the man responsible for the near-perfect conversion of Atari's vector-based shoot 'em up **Star Wars,** Juergen Friedrich.

German-born Juergen started his computing career in 1982 – partly as a student of computer science and partly as a leisure activity. His first computer ever was a Tandy TRS 80, quickly followed by an Apple IIe, on which Juergen wrote his first commercial programs – a RAM disk utility, a graphics package, and finally a Computer Aided Design package. It was while Juergen was developing his CAD utility that he first came into contact with vector graphics, now his trademark.

"I developed an experimental routine to move vector graphics around the screen in three dimensions," Juergen explains. "When this routine was up and running, I realised it could also be used as a game. I was a **Star Wars** coin-op addict at the time, so to put my routine to the test and I converted that from memory."

With a virtually complete 16-bit conversion of **Star Wars** in his mitt, Juergen payed a visit to Domark, who had just acquired the **Star Wars** licence. The rest is history.

Since then, much of Juergen's time has been spent converting **Star Wars** to other machines – he's recently returned from the states where he put the finishing touches to the Macintosh version. "While I was in San Francisco I visited the local arcade and got hooked on **Hard Drivin'.** It appealed to me because it's more of a simulator than a racing game. There's a tremendous amount of skill involved just in keeping your car on the road, let alone complete the course in time."

Suitably inspired, Juergen jumped at the chance to convert **Hard Drivin'** when Domark offered it to him, but was initially wary of the prospect of making the jump from wireframe to filled vectors. "The maths is a lot more complicated where filled vectors are concerned. I've been able to use a couple of the vector routines and the maths from **Star Wars,** but the rest I've had to develop new techniques to deal with the filled vectors."

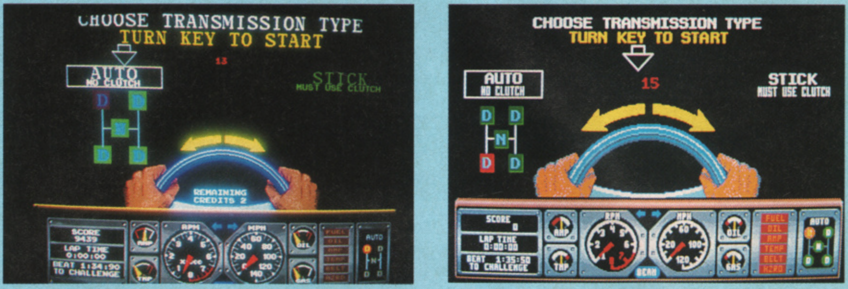
Juergen started banging away on his ST in March, first developing the core routines or 'skeleton' of the game in C, and then filling in the gaps with Assembly Language, which, in Juergen's opinion, gets the speediest results.

At first the conversion was based purely on Juergen's own experience of the coin-op, but then more recently Atari provided a wealth of reference material. "Atari has been a great help," admits Juergen. "They sent me all the original graphics, exactly as they appear in the coin-op but in **Neochrome** format, plus a 250K database containing the layouts of all the maps and positions of the objects." It's this data which has contributed to the accuracy of **Hard Drivin'** on 16-bit.

Understandably some compromises have been made... Since the coin-op boasts 265 on-screen colours Juergen had to 'trim' the graphics a bit by losing 240 colours from the palette. A few elements of the scenery have also been removed to make the game run as fast and as smoothly as possible. Gone, for example, are the tufts of grass, which you don't tend to notice anyway. And gone is the huge train – but that's about all (the cow that moos when you ram it is still in!). Most importantly, Juergen's managed to successfully recreate the general look and 'feel' of the coin-op.

The ST version is almost complete, with a few objects to add along with a few presentation pieces which Juergen plans to have included by the time you read this. "The action replay set-piece that occurs when you have an accident will be easy to incorporate. The thing with vectors is that they hardly take up any memory – most of the graphics are calculated, so there's room for plenty of presentation."

But what of the Amiga and PC versions! Juergen anticipates that the vector side of Amiga **Drivin'** will be a tad slower than the ST. "The Amiga's CPU is slightly slower than the ST, and I can only use the blitter to create smoother movement on the bitmap graphic background scenery. It's not suited to this kind of application." The PC versions on the other hand are set to support CGA, EGA and VGA graphics modes.



Before you get to race you get to choose whether you want to drive with automatic or manual gear-changes. The original coin-op screen is on the left.

HARD DRIVIN CHAMP
IS
PHANTOM PHOTON
LAP TIME
1:33:00

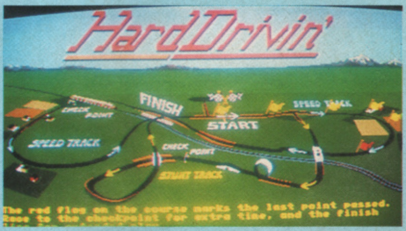
THE GAMEPLAY

Most, if not all, racing games have been of the third person perspective variety, ie: the viewpoint is from behind the vehicle you control. Also, the effect of speed is traditionally generated by a 'sprite engine' – a means of manipulating (eg: enlarging and reducing) a detailed shape with speed, the only drawback being that when the object in question is staring you in the face, it resembles a Lego construction. Sega's **OutRun, Afterburner** and **Galaxy Force** are perhaps the best examples.

Hard Drivin' however, was the first game of its type to utilise filled vector graphics in a first person perspective viewpoint, ie: from inside the vehicle you control. A system more commonly seen in home computer games in fact.

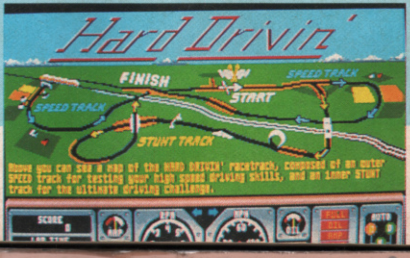
It's also one of the few games with an authentic feel – anyone who's ever driven a car will appreciate the way this baby handles, even if the gears and the steering wheel are a little on the stiff side. The luxury cabinet features a contoured seat, clutch, brake, accelerator, a four-speed gear-stick and even an ignition key, which is turned to 'start' the car!

Even the gameplay's very individual. Instead of roaring around Grand Prix circuits you get to drive a high-powered sports car around a bizarre obstacle course in the countryside, featuring a drawbridge to jump, a 360 degree vertical loop to zoom around and plenty of cars on both sides of the road. In some ways Geoff Crammond's **Stunt Car Racer** is a cut down version with the 'stunts' split into courses instead of spread over a terrain.

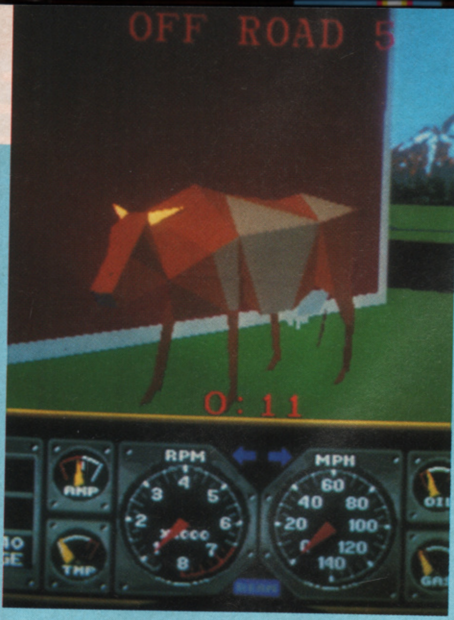


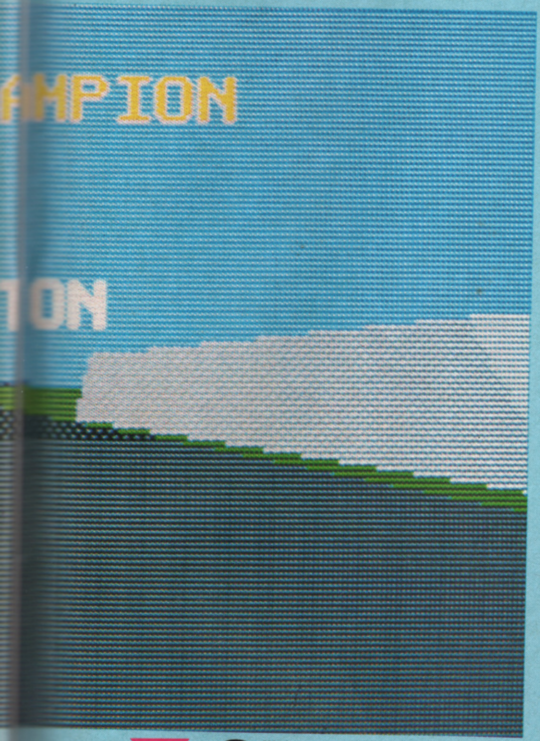
The red flag on the course marks the last point passed. Race to the checkpoint for extra time, and the finish

The course map, with yellow flags to show check-points and a red flag to show your position before your fuel ran out. The 16-bit version of the screen is on the right.

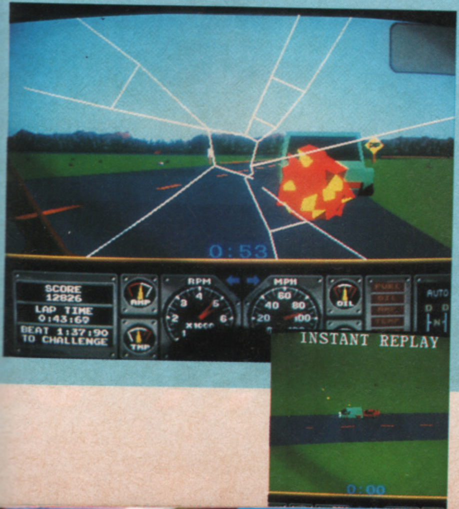


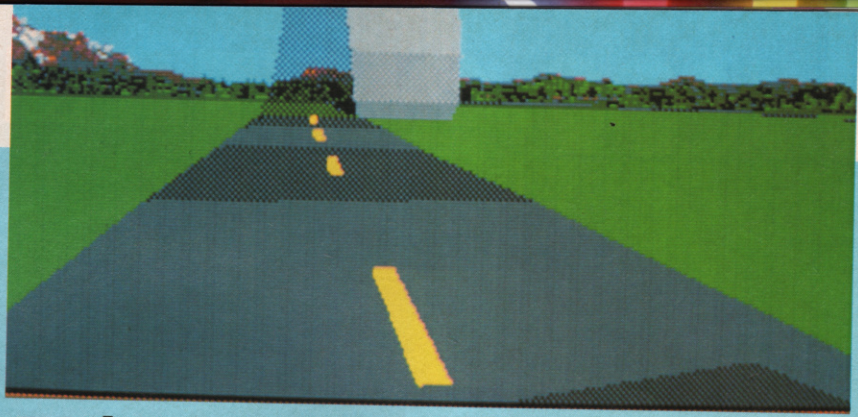
Above you can see a map of the HARD DRIVIN' racetrack, composed of an outer SPEED track for testing your high speed driving skills, and an inner STUNT track for the ultimate driving challenge.


OFF ROAD 5
0:11
RPM
MPH
AMP
TMP
OIL
GAS



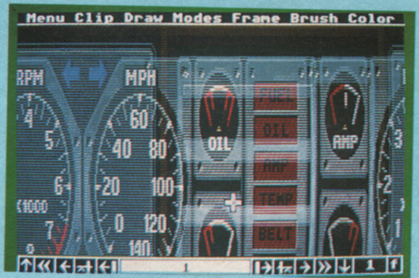
Collisions don't always result in write-offs, but any high-speed prangs are replayed from a more remote viewpoint, just to rub it in a bit.

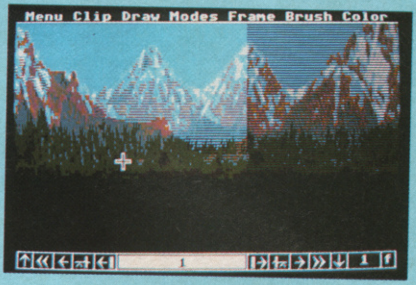

0:53
SCORE 12826
LAP TIME 0:43:69
BEAT 1:37:90 TO CHALLENGE
RPM
MPH
INSTANT REPLAY
0:00

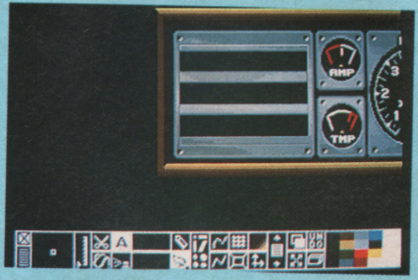


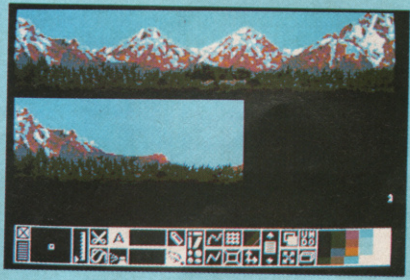
Atari's original graphics (seen here on Neochrome) for the dashboard (left) and the mountain range (right) are in a resolution four times higher than that of the ST!

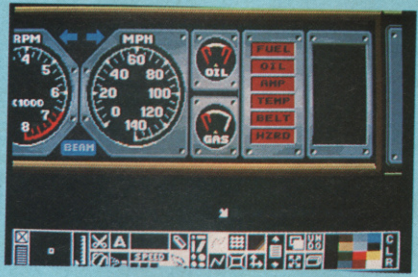
The Neochrome graphics are converted to load into Art Director (Juergen's favourite graphic tool), then reduced to a more workable size – but still the resolution is too high to handle.

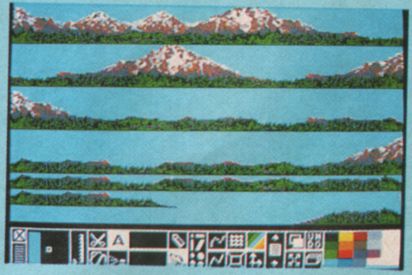

Menu Clip Draw Modes Frame Brush Color
RPM
MPH
OIL
FUEL
AMP
TEMP
BELT

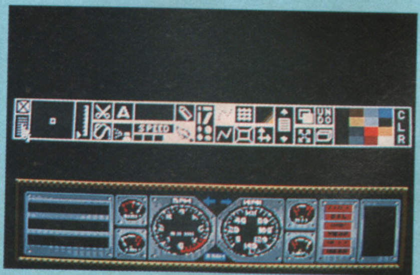

Menu Clip Draw Modes Frame Brush Color

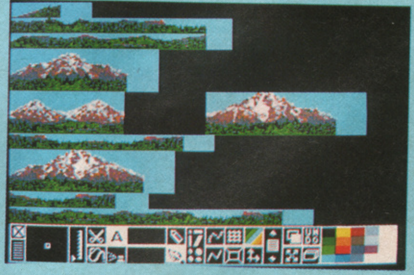





RPM
MPH
OIL
GAS
FUEL
AMP
TEMP
BELT
HZRD
BEAM
CLR







Both dashboard and mountains are reduced further to fit the ST's screen. The loss of resolution creates a crude-looking display, so Juergen decided to use his original, hand-drawn-from-memory version instead. The mountains on the other hand, look fine, although close inspection reveals repetition in the design, which means these graphics can be trimmed further... by creating 'building blocks'.

SOUND

Sound is another of the coin-op's notable aspects, its array of effects less of an 'afterthought' than other racing games. None of your sampled flymo buzzing to represent the road of an engine – oh no. The coin-op features a realistic engine hum, screeching tyres, explosions and mooing (!), which further enhance the feeling of 'being there'. Conversionwise, sound is being handled out of house, but it looks like most of the sounds will be digitised from the coin-op.

GRAPHICS

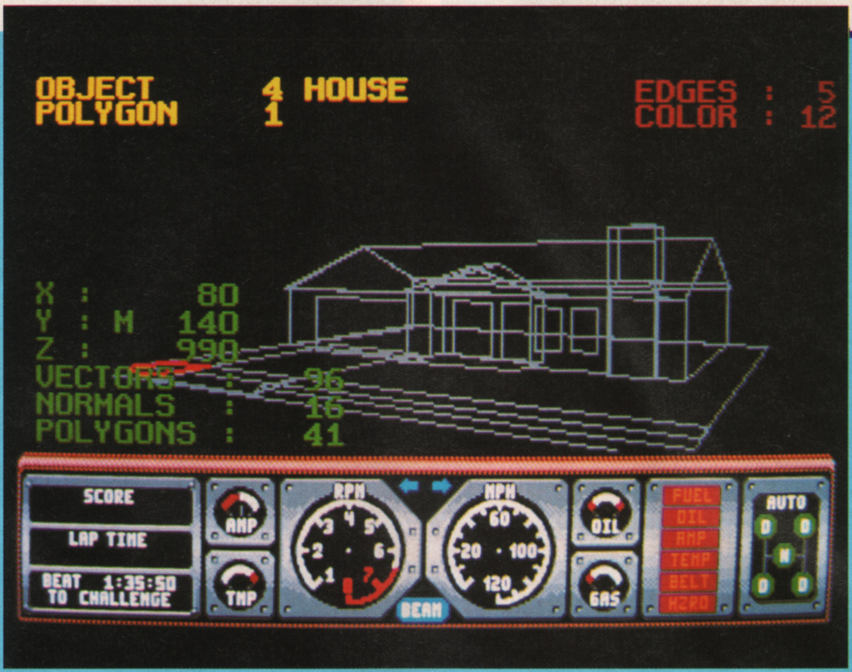
It's hardly surprising that the arcade machine's so smooth and realistic... with six processors at its heart, including two 68000-based chips, one Texas Instruments graphics chip, which is solely responsible for manipulating the polygons, and a 'DSP' chip capable of performing a 16-bit multiplication in a single second (which makes it around 100 times faster than the ST or Amiga). All this hardware means the coin-op can display around 400 polygons every 30th of a second.

Hard Drivin' scenery is actually built from 'building blocks'. Over 150 objects are used in total, some of which comprise over 300 vectors (points). More 130 are included in the conversion, and Juergen reckons anything between 20 and 30 are displayed on screen at any time. His program can handle up to 50, but then the processing begins to slow down a little.

Apart from the filled vectors, there are a few bitmap screens involved – like the dashboard, and the mountains which scroll horizontally in the background. Atari supplied these in Neochrome format, although this wasn't quite as convenient as expected – the resolution of the coin-op is four times that of the ST.

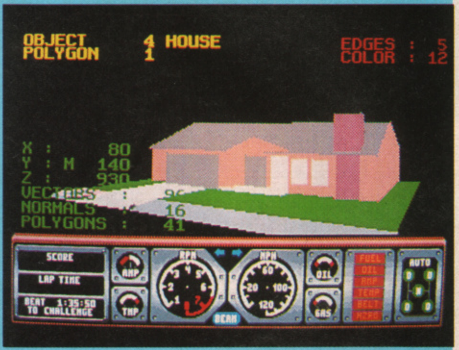
As far as the filled vector objects are concerned, Juergen used Atari's database for accuracy. However, with some of the objects featuring over 300 vectors and 100 polygons it became obvious that something had to be done if the car was to move at more than a few miles an hour. So, Juergen removed any extraneous details (the occasional headlight, every other road marking and so on), which meant that the graphics actually used in the conversion feature roughly 50% less vectors to manipulate. Also, to speed things up further, Juergen's using two versions of the same object – version one features less detail and is used when an object is far away, which means there are less points to manipulate. As the object draws nearer, a second more detailed version is used.

Using Atari's database of object definitions in conjunction with an 'editor' program modified from the actual game routines, Juergen could reconstruct with relative ease the sections of road and other scenery which are bolted together to form the environment – the cars and the like are objects in their own right. Each object is drawn in a 'join-the-dots and colour it in with crayons after' method, ie: built from a number of points, or vectors, from which the individual shapes, or polygons, are defined.

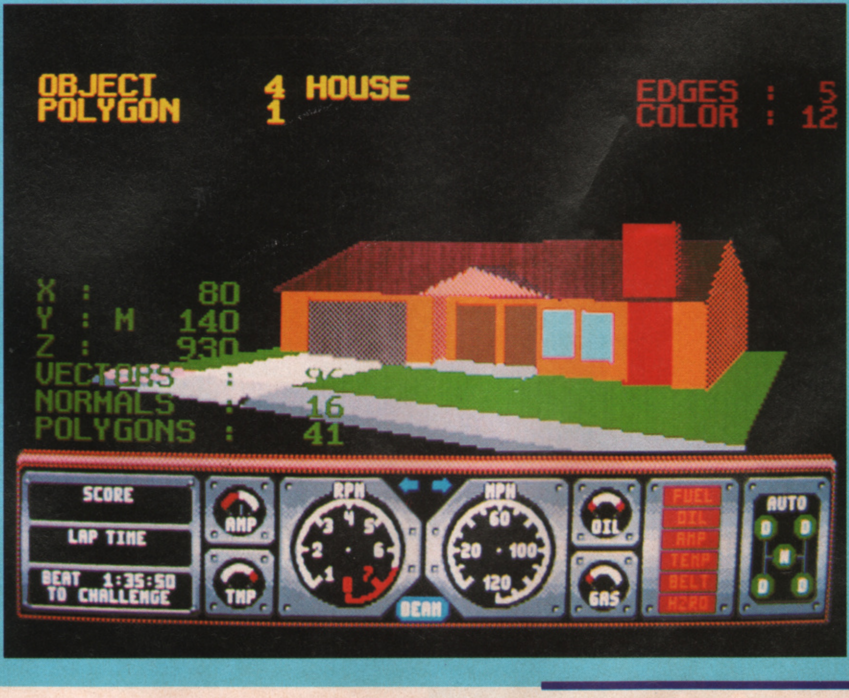

OBJECT 4 HOUSE
POLYGON 1
EDGES : 5
COLOR : 12
X : 80
Y : M 140
Z : 990
VECTORS : 96
NORMALS : 16
POLYGONS : 41
SCORE
LAP TIME
BEAT 1:35:50 TO CHALLENGE
AMP
TMP
RPM
MPH
OIL
GAS
FUEL
OIL
AMP
TEMP
BELT
H2RO
AUTO
BEAM

Juergen uses his own 16-colour palette to give the objects a greater air of solidity. Now all that's left to do is remove any extraneous shapes so the game can run at a worthwhile speed.

Colour is applied to the polygons to create a more solid construction. Unfortunately, these are based on Atari's original colours, which don't look so good as Juergen has only a fifteenth of the palette to play with.


OBJECT 4 HOUSE
POLYGON 1
EDGES : 5
COLOR : 12
X : 80
Y : M 140
Z : 930
VECTORS : 96
NORMALS : 16
POLYGONS : 41
SCORE
LAP TIME
BEAT 1:35:50 TO CHALLENGE

The dots are joined to create a wire-frame representation of the object in question. The highlighted (red) shape is the polygon currently being edited.


OBJECT 4 HOUSE
POLYGON 1
EDGES : 5
COLOR : 12
X : 80
Y : M 140
Z : 930
VECTORS : 96
NORMALS : 16
POLYGONS : 41
SCORE
LAP TIME
BEAT 1:35:50 TO CHALLENGE
AMP
TMP
RPM
MPH
OIL
GAS
FUEL
OIL
AMP
TEMP
BELT
H2RO
AUTO
BEAM

ACTION RATING-99%

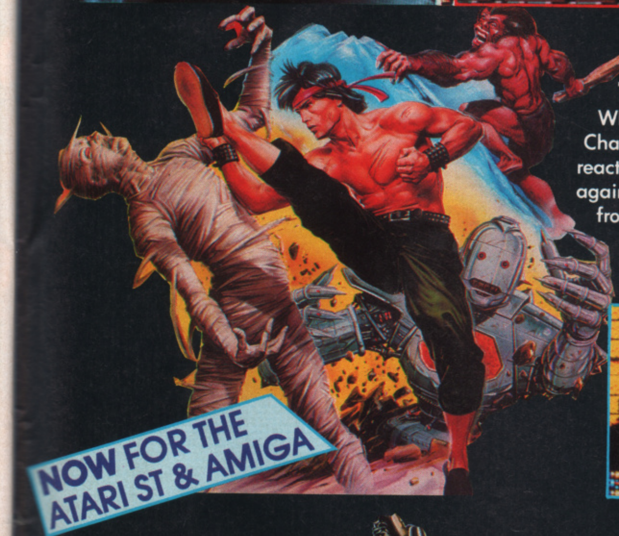
RED HEAT

MOSCOW'S TOUGHEST DETECTIVE. CHICAGO'S CRAZIEST COP.
THERE'S ONLY ONE THING WORSE THAN MAKING THEM MAD. MAKING THEM PARTNERS.

The heat is on ... and the chase is in full cry as East and West join forces to hunt down a Soviet drugs dealer. The two detectives; one Russian, one American have very different methods of capturing their prey, but together they face the worst of Chicago's underworld – street fights, the 'Cleanheads' gang, gun fire – the hottest film tie-in to date – it's all action with stunning graphics – feel the heat – RED HEAT.

VIKTOR
DANKO

RENEGADE III
THE FINAL CHAPTER



NOW FOR THE ATARI ST & AMIGA

THIS IS THE CLIMAX ...
THRILLING ACTION THROUGH TIME AND SPACE

When a guy loses his girl – he loses his mind! Now, in the Final Chapter, Renegade must summon all his strength and lightning reactions as he chases his girlfriend's captors through time itself. Fight against neolithic man, mediaeval knights, and the tormented undead from within the tombs of Ancient Egypt. Your quest finally takes you BEYOND the present – to a time you'll never forget! ... but remember ... your girl wants to see you alive!

0000301
5:33

RUN THE GAUNTLET

9 EXPLOSIVE EVENTS

JET SKIS · HOVERS · QUADS · BUGGYS · THE HILL · METEORS · SUPERCATS · SPEEDBOATS · INFLATABLES

Hot from the Television series – the toughest, most exciting, multi-machine assault course to hit your screens! Simulating the skills of controlling the Jet Skis, the speed of the buggys, the sheer guts and stamina required for The Hill and much, much more!
Run wild – Run The Gauntlet!

SPEED
TIME
00:06
LAP
RUN THE GAUNTLET

(THE OTHER 1% IS FOR LOADING)

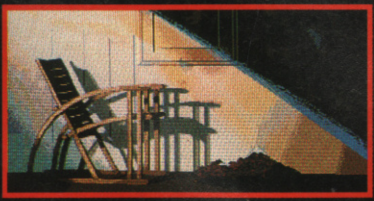
SPECTRUM
£8·99 EA
CASSETTE

ocean®

COMMODORE
AMSTRAD
£9·99 EA
CASSETTE

Ocean Software Limited · 6 Central Street · Manchester · M2 5NS · Telephone 061 832 6633 · Telex 669977 OCEANS G

A FUSION RETRO BOOKS PUBLICATION



Open the door to the unknown.
Open the door to Carfax Abbey and you
will Surely meet OOZE!
As Ham Burger You are heir to
something evil and sinister on a
frightening and exciting journey into the
world of ghosts and demons.
OOZE – Creepy Nites is not just a new
horror Adventure from Dragonware.
OOZE – Creepy Nites is a satirical homage
to the genre that sets a new standard
of Computer game excellence.

STUNNING GRAPHICS
NERVE TINGLING SOUND
EFFECTS

For the
AMIGA, ATARI ST, PC and Compatibles
and soon also for ARCHIMEDES.

SOFTWARE SUCCESS MARKETING
Alban House, 24A White Pit Lane,
Flackwell Heath, Nr High Wycombe,
Bucks HP10 9HR

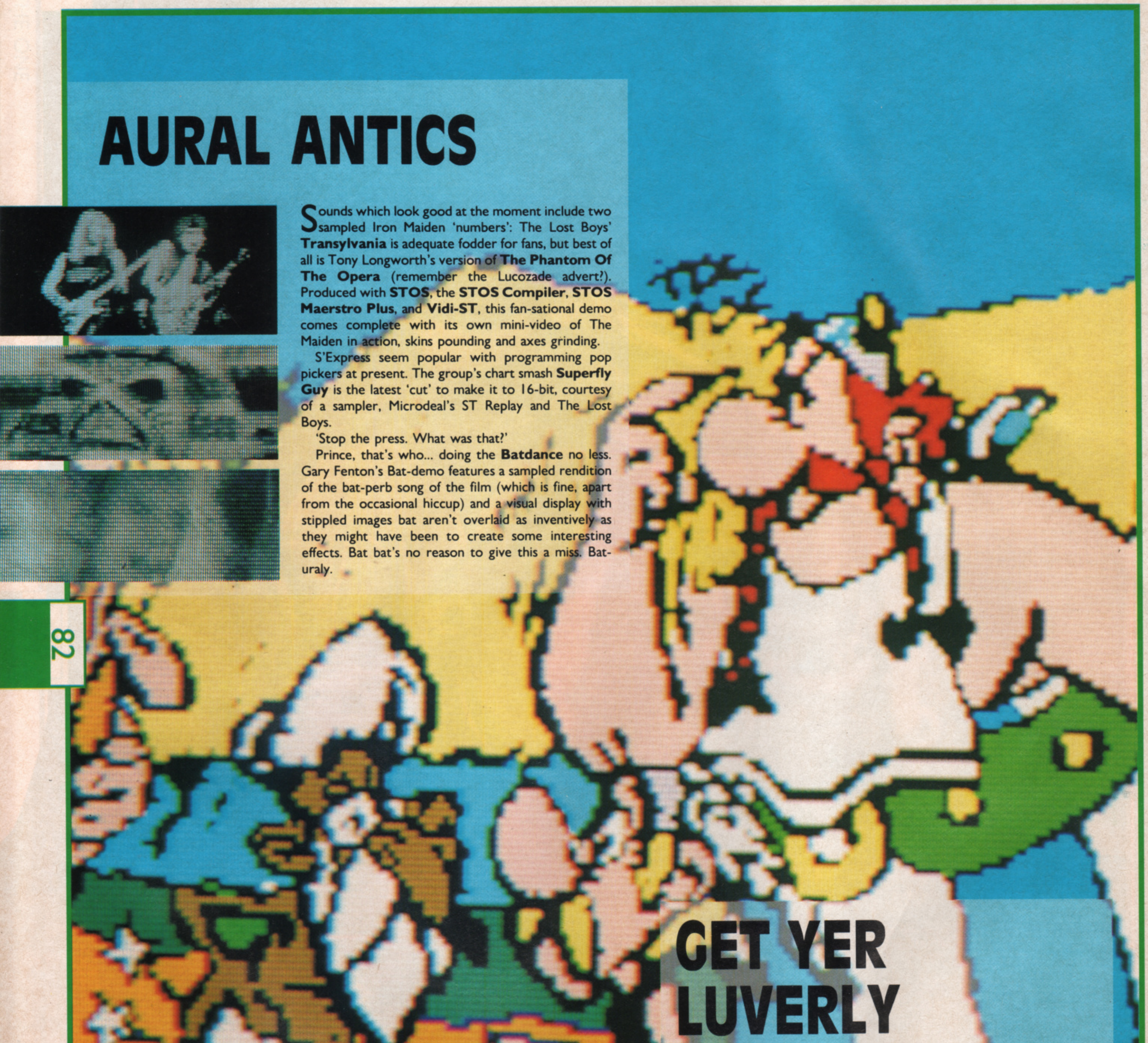
DRAGONWARE PRODUCTS – MERIMPEX Ltd
Am Schrägen Weg 2, 9490 Vaduz,
Principality of Liechtenstein
Tel.: ..75 283 68, Fax: ..75 206 56

DEMOS

DEMOS? Yes, demos. Demonstrations of what programmers or machines are capable of achieving. Demonstrations of talent – musical, visual or technical. A means of expression or promotion. An entertaining alternative... Each month we feature a selection of demos available – preferably on the Public Domain. But we also want to see your pictures and animations and hear your sounds. Send anything vaguely interesting to: DEMOS, The One, Priory Court, 30-32 Farringdon Lane, LONDON EC1R 3AU. Please note: we can't guarantee to return your disks unless a suitable stamped, self-addressed envelope is supplied.

VISUAL VUNDER-PIECES

Eat your Hart out, Tony. Take a day off, Tate. Computer galleries are where it's at... Digitised (and sometimes hand-drawn) pictures presented in a slideshow format. There are many such displays available, most with happy tunes, just so the ears don't feel left out. Two recent examples include a disk full of digitised stills from **Asterix And The Magic Cauldron** (complete with a burst of sampled music from the Asterix television series which is played with each picture). And, more impressively, five 'paintings' from Dutch artist Henk Van Der Graaf (see overleaf). These super screens were drawn on **DPaint II**... in 16 colours!



AURAL ANTICS

Sounds which look good at the moment include two sampled Iron Maiden 'numbers': The Lost Boys' **Transylvania** is adequate fodder for fans, but best of all is Tony Longworth's version of **The Phantom Of The Opera** (remember the Lucozade advert?). Produced with **STOS**, the **STOS Compiler**, **STOS Maerstro Plus**, and **Vidi-ST**, this fan-sational demo comes complete with its own mini-video of The Maiden in action, skins pounding and axes grinding.

S'Express seem popular with programming pop pickers at present. The group's chart smash **Superfly Guy** is the latest 'cut' to make it to 16-bit, courtesy of a sampler, Microdeal's ST Replay and The Lost Boys.

'Stop the press. What was that?'

Prince, that's who... doing the **Batdance** no less. Gary Fenton's Bat-demo features a sampled rendition of the bat-perb song of the film (which is fine, apart from the occasional hiccup) and a visual display with stippled images bat aren't overlaid as inventively as they might have been to create some interesting effects. Bat bat's no reason to give this a miss. Bat-uraly.

GET YER LUVERLY DEMOS 'ERE

The sampled sounds of S'Express and Iron Maiden are available from Goodman PD, 16 Conrad Close, Meir Way, Longton, Stoke-On-Trent ST3 1SW. Tel: 0782 335650.

Slideshows aplenty, including those art-tastic Dutch paintings, are obtainable from 17-Bit Software, PO Box 97, Wakefield, Yorkshire WF1 1XX. Tel: 0924 366982.

The Other PD Library of 108 Kenmare Road, Wavertree, Liverpool L15 3HQ is the place to get the Asterix Picture Show, **along with many other similar items.**

The Batdance **demo is for 1Mb Amigas ONLY. For further details contact Gary Fenton, 128 Portland Cres, Stanmore, Middlesex HA7 1NA.**

KICK OFF

BLISTERING PACE PIXEL PERFECT PASSING SUPERB TACTICAL PLAY

- * Full size multi-directional scrolling pitch.
- * Option to practice and learn ball control, take corners and practice penalties.
- * One or two player option: 4 distinct tactics.
- * League competition for 1 to 8 players. Load and Save league facility.
- * Simple controls to dribble, shoot, pass, chip or head the ball or do a sliding tackle.
- * 9 types of Corner Kicks, Penalties, Yellow and Red Cards, 12 different Referees. Host of other features.

AVAILABLE ON

AMIGA	£19.95
ATARI ST	£19.95
CBM 64 Cass	£9.95
CBM 64 Disc	£14.95
IBM PC Comp.	£24.95
SPECTRUM Cass.	£9.95
SPECTRUM Disc.	£14.95
AMSTRAD Cass	£9.95
AMSTRAD Disc	£14.95

C+VG HIT!

SIZZLER

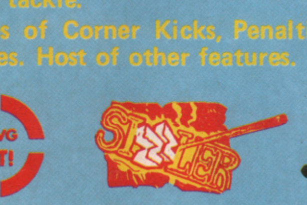
KICK OFF SCORES WITH REVIEWERS

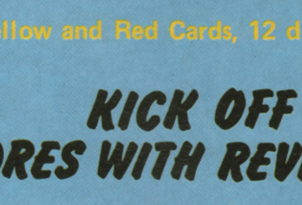
5 GAME

machine STAR PLAYER

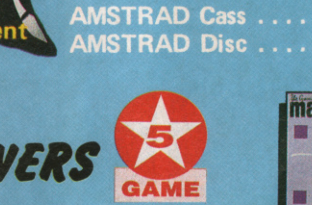
- * CVG - OVERALL 88% - Most playable soccer simulation in binary history. Realism is the name of the game. HIGHLY RECOMMENDED.
- * ZZAP - OVERALL 96% - So Realistic, So Fun, Soooo Addictive. Boots all other football simulations over the crossbar.
- * AMIGA FORMAT - GOLD - OVERALL 91% - The best football game on the Amiga todate.
- * THE ONE - OVERALL 88% - The game is such a joy to play. By far the best to appear on 16 bit. It is all over bar the shouting.
- * POPULAR COMPUTING WEEKLY - OVERALL 94% - The opposition gets blown away by the utter brilliance of KICK OFF, which has the proper options and the best gameplay seen in any football game.
- * THE ACE - A great football game that will have you queuing up for a season ticket.
- * NEW COMPUTER EXPRESS - KICK OFF is simply the best football sim. we've played on any micro. It's fast, furious and immense fun. Go and buy it.
- * THE GAMES MACHINE - OVERALL 87% - Best 16 bit soccer simulator yet. True football skills are needed in every sense of the word.
- * ST USER - OVERALL 9 - The whole game is a complete delight to play and immediately addictive. This is one of the fastest and most exciting action games around and it just has to be the best football simulations yet.

PLAYING IT IS EASY-MASTERING IT WILL TAKE TIME-A LOT OF TIME


AMIGA



ATARI ST



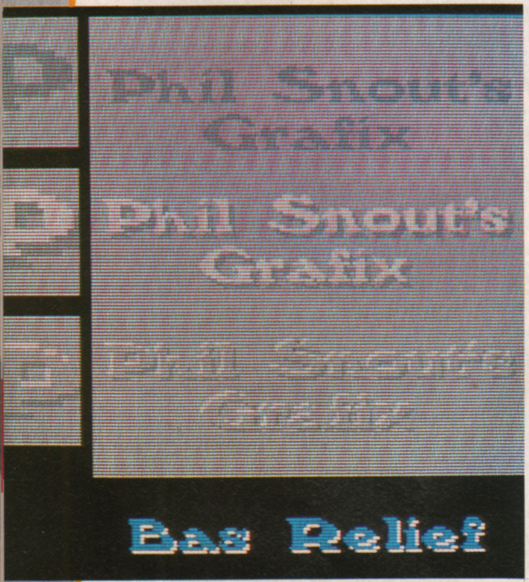
CBM 64

ANCO

ANCO SOFTWARE LTD., UNIT 10, BURNHAM TRADING ESTATE, LAWSON ROAD,
DARTFORD, KENT. Mail Order by Cheque, Postal Order, ACCESS or VISA.
Telephone No.: 0322 92513/92518. FAX No.: 0322 93422.

Grafix

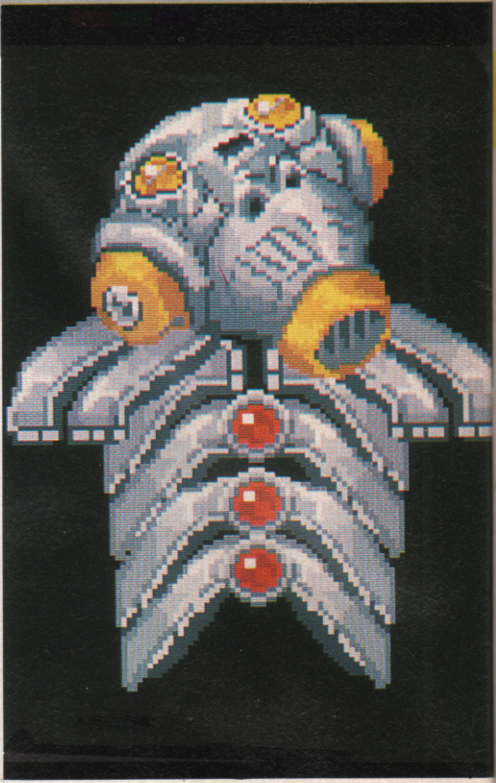
Phil South, our resident Man Of Steel, looks at the problem of solidity and tells you how to make your flaccid two-dimensional sketches look like rock hard three-dimensional *objet d'art*.

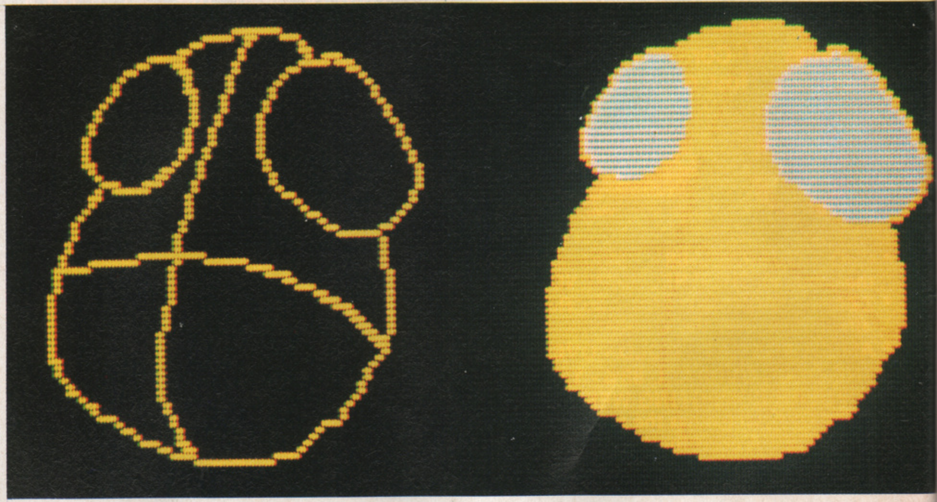


▲ **BAS-RELIEF A nice cheap trick which you can only do on computers is a variation on the old photography trick . . . 'bas-relief' is where a negative and positive are sandwiched together in an enlarger, but slightly offset to give the effect of being carved in stone. You can recreate this effect by using three tones of the same colour and slightly offsetting them. Here you can see the text has been plonked down in the darkets tone, then the lightest tone offset to the top left. Finally, the background colour is used to blank out the mess in the middle.**

How do you make flat objects look nice and solid – or at least give the illusion of some kind of depth? Mostly it's a matter of shading, as it is with yer actual paper and pencil art. But the problem with computer art is that the pixel size you work with is quite large, and so subtle tricks need to be employed when using shading effects.

The two main criteria are: choose your palette wisely, and don't be afraid to boldly sketch before you finish a drawing. There is a tendency to view any marks you make on the screen as final. This is NEVER the case, as you know you can edit endlessly on screen, so any construction lines you make can be fully removed before anyone sees your work. So be **BOLD!** Try out ideas first, try out these simple tricks and 'flesh out' your 2D art for real professional results!





PIXEL PATTER

Bullfrog is well known for its foray into three dimensional space, with such shaded games as **Fusion** and **Populous.** So I asked Glenn Corpes, programmer and graphics artist, what he could tell me about getting graphics to look solid.

PS Will you talk to us about graphics?

GC Well, I have to say first that I'm not doing graphics anymore . . .

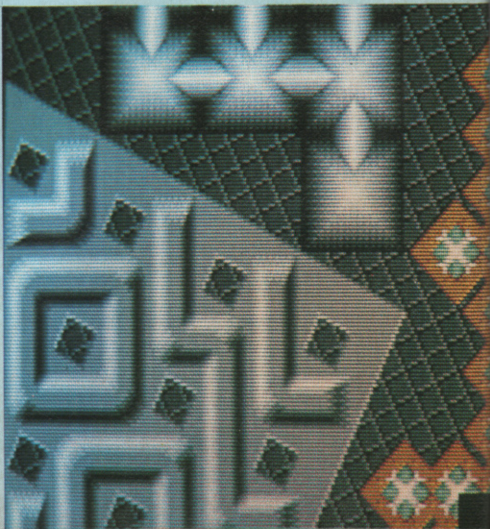
Er, Why?

Because I don't think I'm good enough. And besides I like progamming better.

So who's doing your graphics from now on then?

A new bloke I just finished interviewing. He's brilliant.

Goodness, if he's better than you, hadn't we all better buy dark glasses for the next game?

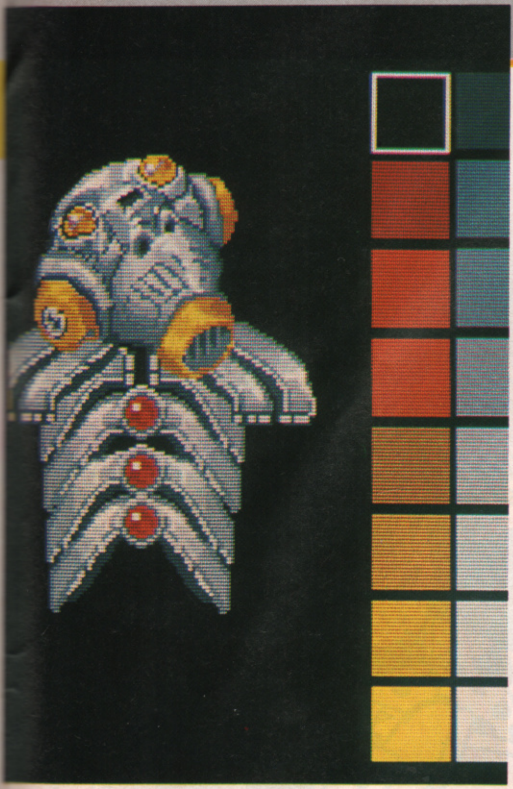


▶ **Chrome – a demo recently put together by Glenn Corpes displaying more of his stunning bas-relief graphics. The graphics may yet find their way into either** Project F **or another of Bullfrog's pipeline projects.**

Oh blush, you're too kind.

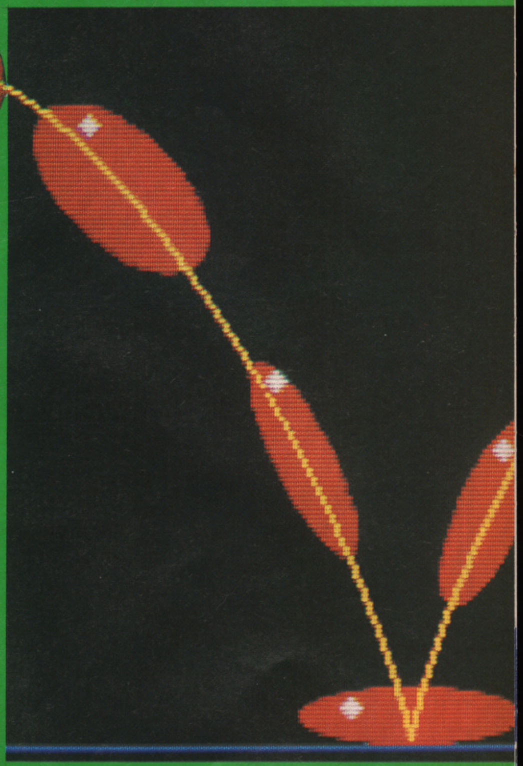
So how do you go about getting solid graphics, like the stuff you did for **Fusion**?

Bas-relief is very simple. You light everything from the top left, so every plane on the top or left of the object is light. Every plane facing down or right is darker. It's purely a mathematical approach rather than, say, artistic. All the graphics in Fusion **on the Amiga were in 64 colours, a point which nobody noticed, so there really WERE more colours than met the eye. We won't bother again, because we put a lot of**



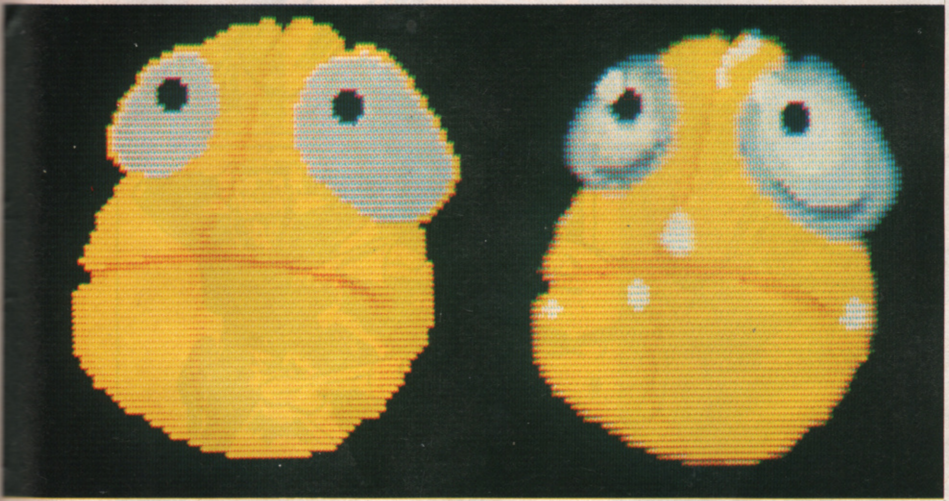
◀ **PALETTE** The only way you can get nice shading on an object is if you have the right palette at your disposal. The palette used to create my Darkside Robot has been placed next to it so you can see the tones used to create the shading. Only 16 colours were used, and the shading was done in magnify mode, putting down the darkest colours first and then adding lighter and lighter shades until it looked right. The effect is more colours than there are in the palette, but this is the eye and brain adding tones that it expects to see. To select your palette, mix your basic colours then add some darker and some lighter tones.

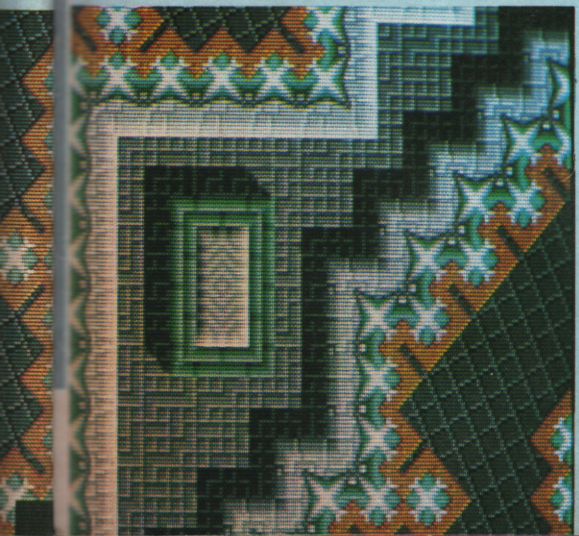
▼ **CONSTRUCTION** The stages of construction of any piece of computer artwork, be it a sprite or a fixed screen, should always begin with a line drawing in one of the basic colours. Don't be scared to make mistakes. The whole point of this is to get the basic shapes and proportions right before you colour it up and start adding shading and highlights. The Frogstar Warrior began as a line drawing and was gradually filled, detailed and finally polished with highlighting and anti-aliasing to smooth out the jaggies.



GET ANIMATED!

A solid object must act like the real thing if it's to be believable. The simplest example of this is a ball bouncing. Although a real ball doesn't deform this much in a real bounce, you have to exaggerate the shapes of animated objects to make up for the lack of frames (there are no 'frames' in real life). There is a slight anticipation of the impact, where the ball stretches towards the spot where it will bounce. On impact it squashes almost flat, and then springs into a longer shape again. As it rises to the apex again it resumes its normal shape. Obviously a harder object like a ping-pong ball would deform less and move faster.





work into making it as fast as possible – and what for? So anyway, as we do work for Electronic Arts, we've had a copy of DPaint III for over a year now, working in 64 colour mode was easy.

What about the ST version?

On the ST it was a little trickier. I copped out a bit by turning the darkest colours on the background graphics to black. Most of the palettes on the Amiga were five greys, plus five of one colour and five of another, PLUS five oranges for the explosions. On the ST I had to trim them to four greys. The spread function in DPaint wasn't used to make the palette, but it ended up as the same colours. We actually used our own editor program to generate the colours, but we could have got the same effect using DPaint's 'spread'.

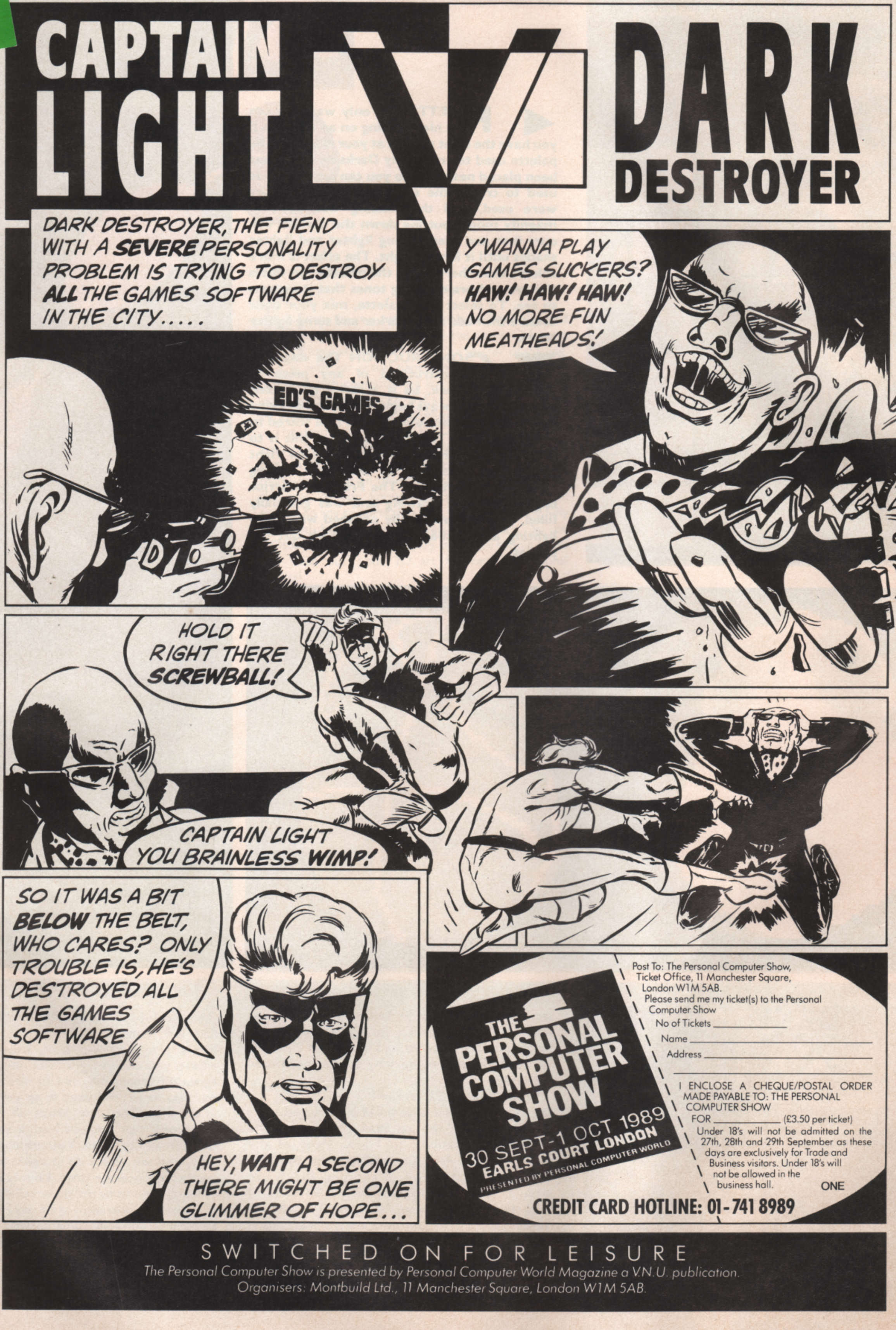
How did you do the smooth pastel shades along the floor in **Fusion**?

It's a programming trick using the blitter, where you can get graphics information from three different sources and mix them. On the parallax areas we used it to get the rounded effects, but on flat areas of the map we combined two colours and a texture, giving that unearthly blend. You can't get it any other way, and we won't do it again because it's so costly in processor time. Lovely effect though.

Any anecdotes to tell about your products?

I probably shouldn't tell you this but the colours of Populous were arrived at by looking at Dungeon Master and working out how they got more colours from only 16 in the palette! but don't tell anyone.

OOPS!


CAPTAIN LIGHT
V
DARK DESTROYER
DARK DESTROYER, THE FIEND WITH A SEVERE PERSONALITY PROBLEM IS TRYING TO DESTROY ALL THE GAMES SOFTWARE IN THE CITY.....
Y'WANNA PLAY GAMES SUCKERS? HAW! HAW! HAW! NO MORE FUN MEATHEADS!
ED'S GAMES
HOLD IT RIGHT THERE SCREWBALL!
CAPTAIN LIGHT YOU BRAINLESS WIMP!
SO IT WAS A BIT BELOW THE BELT, WHO CARES? ONLY TROUBLE IS, HE'S DESTROYED ALL THE GAMES SOFTWARE
HEY, WAIT A SECOND THERE MIGHT BE ONE GLIMMER OF HOPE...
THE PERSONAL COMPUTER SHOW
30 SEPT-1 OCT 1989
EARLS COURT LONDON
PRESENTED BY PERSONAL COMPUTER WORLD

Post To: The Personal Computer Show,
Ticket Office, 11 Manchester Square,
London W1M 5AB.

Please send me my ticket(s) to the Personal Computer Show

No of Tickets ____________

Name ____________

Address ____________

I ENCLOSE A CHEQUE/POSTAL ORDER MADE PAYABLE TO: THE PERSONAL COMPUTER SHOW

FOR ____________ (£3.50 per ticket)

Under 18's will not be admitted on the 27th, 28th and 29th September as these days are exclusively for Trade and Business visitors. Under 18's will not be allowed in the business hall.

ONE

CREDIT CARD HOTLINE: 01-741 8989

SWITCHED ON FOR LEISURE

The Personal Computer Show is presented by Personal Computer World Magazine a V.N.U. publication.

Organisers: Montbuild Ltd., 11 Manchester Square, London W1M 5AB.

Hand in hand, Gordon Houghton and Kati Hamza pop to the coin-op shop to spot the top slots.

VIOLENCE FIGHT

DRAGON BREED

CRIME FIGHTERS

MECHANISED ATTACK

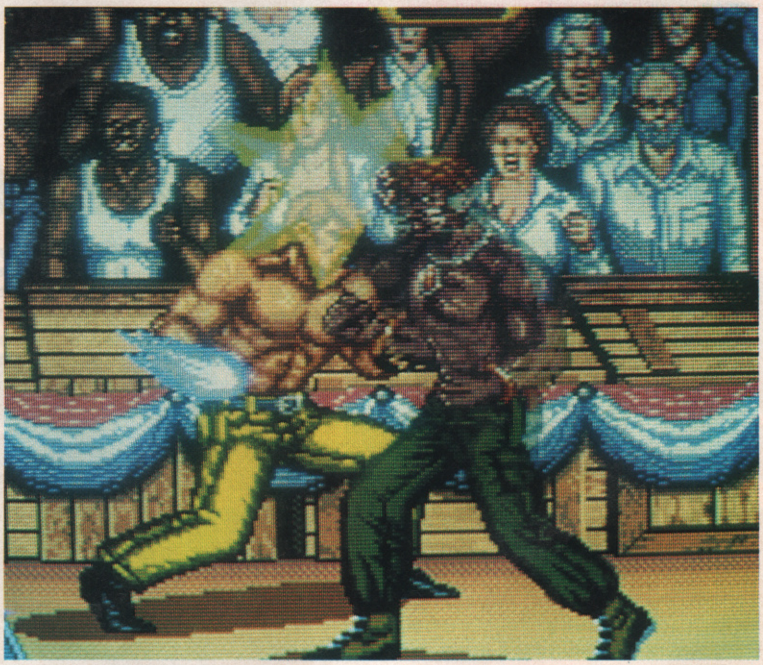
ARCH-
RIVALS
ARCH RIVALS

VIOLENCE FIGHT

In Downtown LA, the macho ethic rules, Mafia members, reckless drivers and general businessmen gather together for the *Violence Fight* – to decide which group is the best. With tongue planted firmly in cheek, you choose your hard guy and grunt into a sweaty bear-pit where an equally hard guy awaits you.

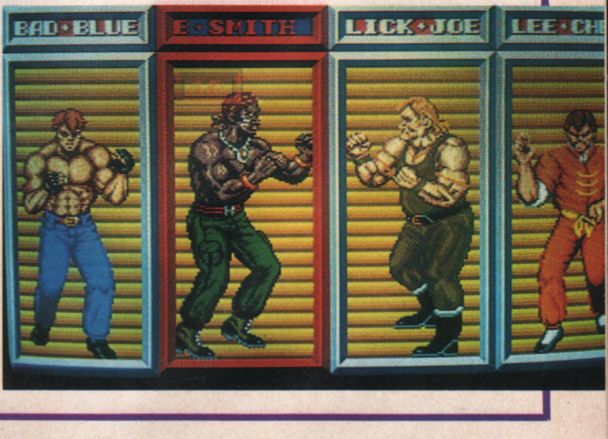
The most striking aspect of the game is the size of the sprites – they're huge and adequately animated against basic crowd backdrops. They can move 'in' and 'out' of the screen as well as left and right, and each fight is set against a strict time limit. When you punch your enemy, comic book effects appear on screen: you're rewarded with obscure words like 'goon' if you do well, or 'dogon' if you're badly wounded.

Violence Fight is more in the style of a boxing simulation than a beat 'em up, and it's got a great sense of its own silliness. Some of the moves are very comical, and there's more a sense of fun than agression: if you're looking for an alternative to the more serious kick 'n' punch games on offer, this fits the bill.



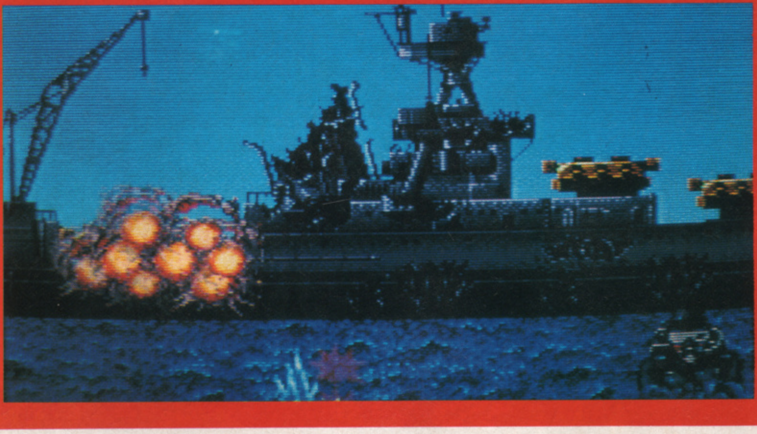
▲ Some of the effects in *Violence Fight* are almost comic: one of the moves open to you is a rapid punch which knocks seven shades of stuffing out of your opponent. It's too quick for the eye to follow and very useful in tight situations.

◀ Each player has three fire buttons for a variety of kicks, jumps or punches. In addition, each has a unique punch or kick performed by holding down two of the buttons at once.



A FUSION RETRO BOOKS PUBLICATION

MECHANISED ATTACK



Taito's Operation Wolf spawns another clone, courtesy of SNK. One or two players take hold of a couple of Uzi look-a-likes and kill lots of people. Wave after wave of enemy soldiers in inflatables, choppers, wetsuits, subs and ships offer themselves to the might of your machine gun.

Larger enemies in military boats and 'copters also launch very damaging missiles. These tougher opponents are despatched either by repeated rapid firing or a single, very satisfying, grenade. Extra weaponry is left behind by dead bad guys: shooting it adds it to your armoury.

Mechanised Attack is far from original, but is good fun nonetheless. Anyone who's enjoyed Op Wolf will take to this.

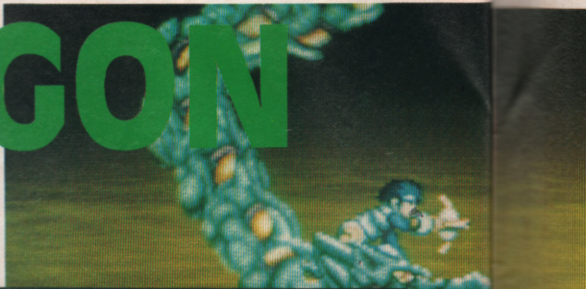
DRAGON

Irem, the company behind the legendary R-Type, brings you another shoot 'em up much in the same mould. This time it's a journey into myth rather than outer space as, playing a human hero astride a mighty dragon, you seek to destroy all in your path.

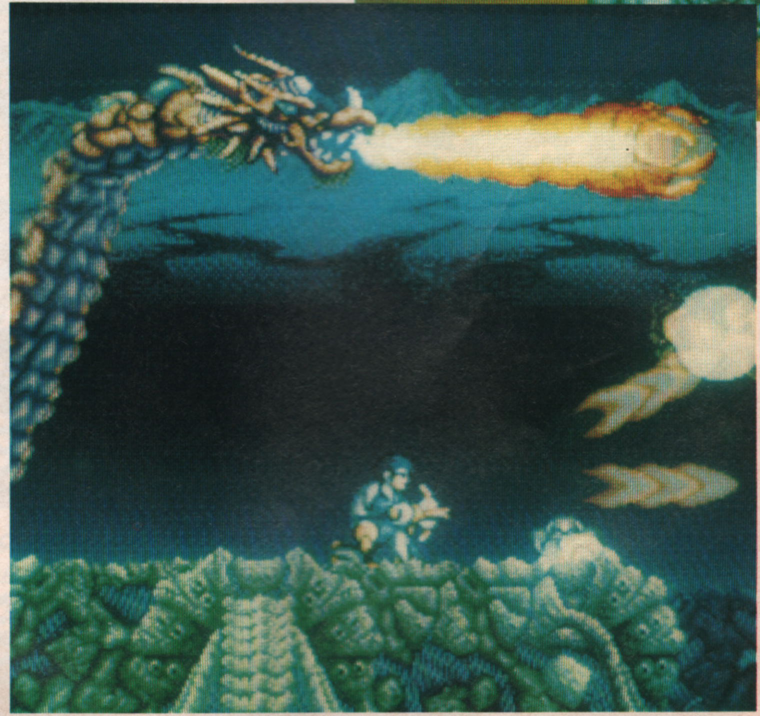
The dragon acts both as your wings and a shield: it's impervious to fiery blasts from gruesome aggressors and destroys them if they collide a few times with its body. It's also got a flexible armoury: collecting one of four items left behind by pod-carrying flies gives you extra power against your opponents. For example, red items give you an advanced flamethrower and blue ones unleash lightning bolts downwards from the dragon: collecting three items of the same colour provides maximum potential for that weapon.

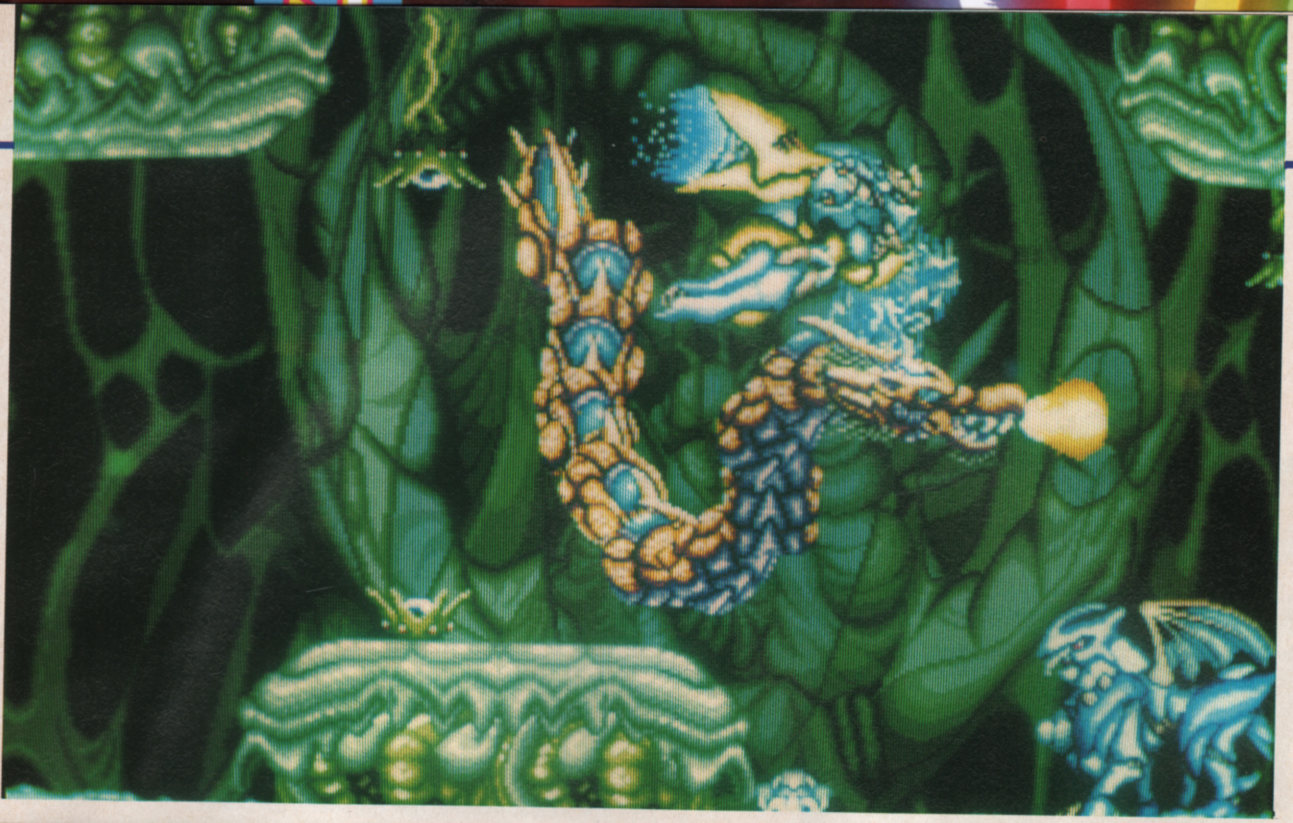
Dragon Breed is a shoot 'em up of superb quality, due more to its graphical variety and design than the speed or freneticism of its action. Some creatures could have come straight from the imagination of Rodney Matthews; all are beautifully imagined and animated – particularly the larger end-of-level beasts.

The gameplay isn't new, but has some nice twists: part of the appeal is that you instinctively protect the dragon's head when you should be guarding the character behind it, and where R-Type has one massive opponent on Level Three, Dragon Breed has a couple more. It's essentially a right-to-left, parallax scrolling progressive shoot 'em up, but is definitely worth any blaster's time and money.

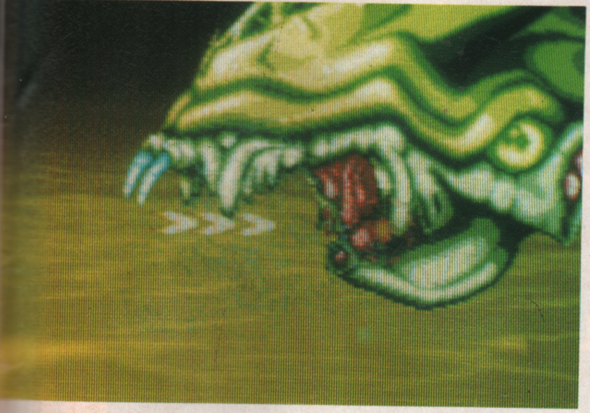


▼ Occasionally, it's better to dismount and use the dragon as a deterrent above you, whilst you collect any rewards to be had.





▲ **B**y manipulating the dragon correctly, it becomes an impenetrable defence against all opponents – at the right time, it can perform a whiplash action to destroy all in its path. Its fiery breath and your weapon are both equally deadly.

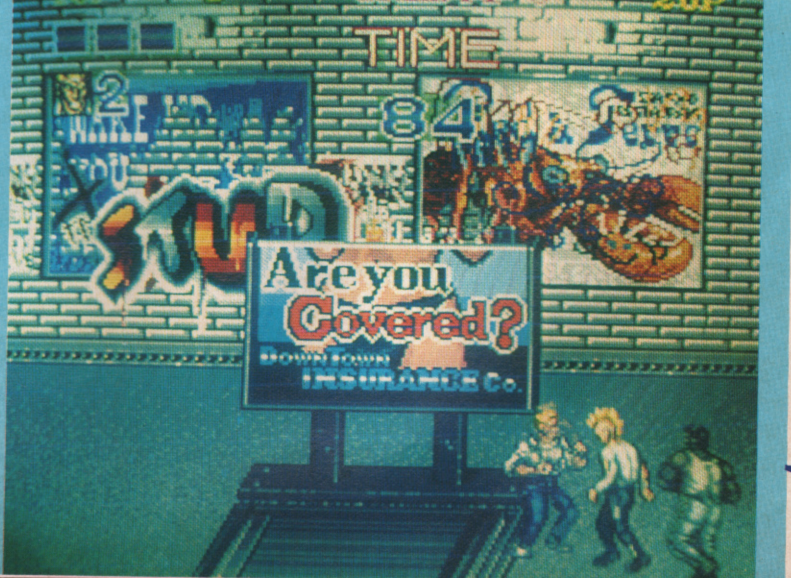


◀ **E**ach stage in your journey has its own creatures to combat and tactics for destroying them: the only certainty is that things get harder. Level Three provides more than one massive mythical opponent for you to deal with.

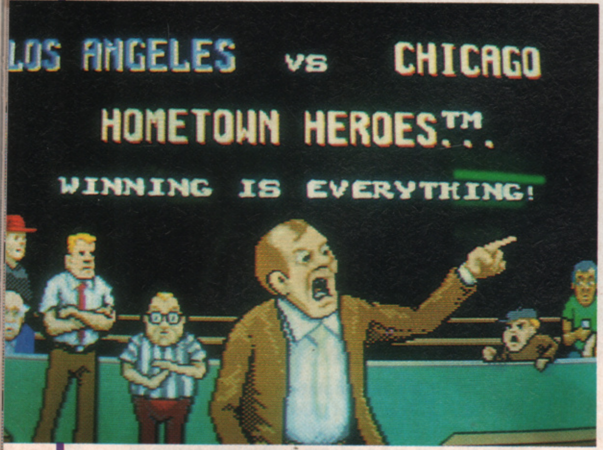
CRIME FIGHTERS

Perhaps more renowned for classic shoot 'em ups than beat 'em ups, Konami ventures into the world where brawn beats brain hands-down, and then stomps on it for a laugh. Yes, this is one of those games where you punch, kick and punch a bit more: right-to-left scrolling, increasingly difficult opponents and lots of grunting along the way. If this seems even more familiar than you'd expect, it's probably because Crime Fighters **was first featured in Issue Eight, but we didn't know what it was or who it was by.**

It's reminiscent of just about every other beat 'em up going, being basically a rough-edged hybrid of Double Dragon **and** Streetfighter **with a kick in the teeth from** Vigilante **just for good measure. That said, it's curiously addicitive and will still provide more than adequate fodder for beat 'em up addicts.**



ARCH RIVALS

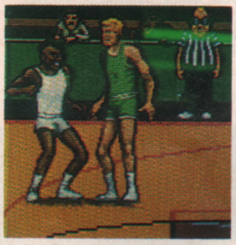


LOS ANGELES VS CHICAGO
HOMETOWN HEROES™.
WINNING IS EVERYTHING!

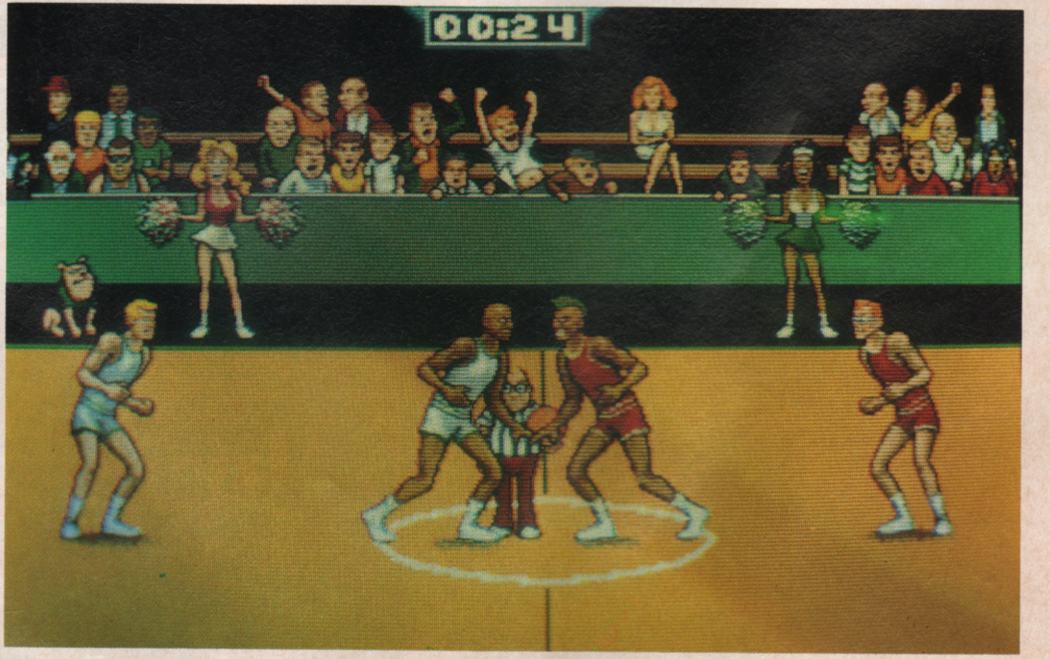
Winning is what counts in the macho world of basketball these days – or so Midway's Arch Rivals would have us believe. It's pretty much a tongue-in-cheek (or fist-throttling-throat) version of that nice game played by the Harlem Globetrotters.

The action is two-on-two, and the court is a couple of screens wide, scrolling to keep up with the play. If you get tired of the computer's rib-jabbing skills, there's always a two-player option.

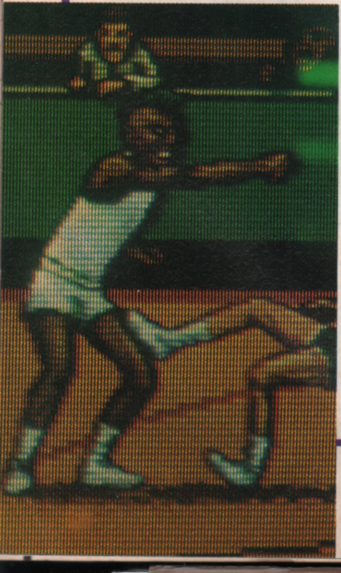
The players are well animated, but the sound is functional rather than outstanding: just some effective ball bounces, crowd cheers and occasional speech. What makes the game stand out, though, is the fast pace of the action. No sooner have you slam dunked than you have to race back to the other end of the court to defend again. This makes play more interesting and more enjoyable in the long term, since the speed of your reactions improves the more games you have. Limited but enjoyable, particularly in two-player mode.



A traditional start to a basketball contest, but this game is all about winning – at whatever cost. You only control one of the two players throughout the match; if he goes off-screen, an arrow allows you to position him.



Due to the frantic action, this is quite a common scene. Normal basketball rules apply, however, and the 'shot clock' ticks away whilst you're in possession.



WATCH YOUR SCREEN – SEPTEMBER
TM
ocean

TM & © 1964 DC Comics Inc.

S.E.C. SOFTWARE

COMPUTER CLUB

SEND NOW FOR FREE MEMBERSHIP
NO CLUB FEES OR OBLIGATIONS
CLUB SPECIAL OFFERS

Please state make of machine
Write to:-

S.E.C. SOFTWARE
2 CLARE ROAD
HOUNSLOW
MIDDLESEX
TW4 7AU

No callers please
Overseas enquiries welcome

AMIGA IMAGE

PO BOX 55
HASWELL
DURHAM DH6 2EU
TEL: (091) 526 2973 (24 HRS)

Title	RRP	AIP
A.P.B.	19.99	16.99
Archipelagos	24.99	19.99
Astaroth	24.99	19.99
Balance of Power 1990	24.99	19.99
Batman	24.99	19.99
Battlechess	24.99	19.99
Beach Volley	24.99	19.99
Bio Challenge	24.99	19.99
Blood Money	24.95	19.95
Datastorm	24.99	19.99
F-16 Combat Pilot	24.95	19.95
Federation of Free Traders	29.99	24.99
Forgotten Worlds	19.99	16.99
Grand Prix Circuit	24.99	19.99
Gunship	24.95	19.95
Indiana Jones	24.99	19.99
It Came From The Desert	24.95	19.95
Kick Off	19.95	16.95
Kristal	29.95	24.95
Licence to Kill	24.99	19.99
Lords of the Rising Sun	24.99	19.99
Microprose Soccer	19.95	16.95
Millenium 2.2	24.99	19.99
Phobia	24.99	19.99
Police Quest II	24.99	19.99
Populous	24.99	19.99
Powerdrome	24.99	19.99
Quartz	24.99	19.99
Quest for the Time Bird	24.99	19.99
Rainbow Islands	24.99	19.99
Robocop	24.99	19.99
Run the Gauntlet	24.99	19.99
RVF Honda	24.99	19.99
Silkworm	24.99	19.99
Skweek	19.99	16.99
Stunt Car Racer	24.99	19.99
The Duel-Test Drive II	24.95	19.99
The New Zealand Story	24.99	19.99
Thunderbirds	19.99	16.99
TV Sports Football	29.99	24.99
Vindicators	19.99	16.99
Voyagers	19.99	16.99
Weird Dreams	24.99	19.99
Xybots	24.99	19.99

***FREE* PUBLIC DOMAIN DISC WITH EVERY ORDER**

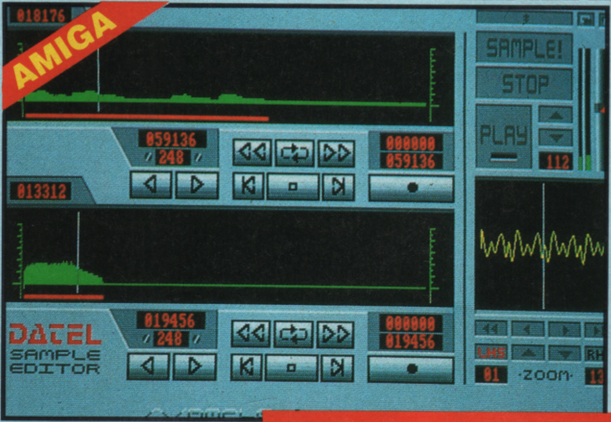
MEGADEAL
PACLAND (Grandslam)
Now Only £9.99!!!
FLINTSTONES (Grandslam)
Now Only £9.99!!!
(Free PD Disc Not Inc.)

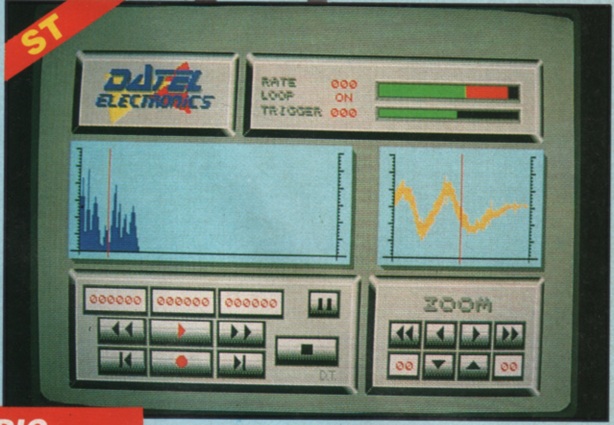
Thousands of other titles available – to order just discount 20% off the R.R.P. stating title & software company – same fast service.

P&P inc U.K. Europe add £1 per item, elsewhere £2 per item.
Cheque/P.O./International Money Orders made payable to 'Amiga Image'.

Full 'No Quibble' 1 Year Guarantee with all products E&OE.

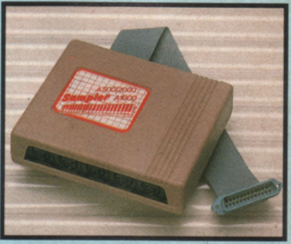
DATEL ELECTRONICS





PRO SAMPLER STUDIO

- A top quality sound sampling system at a realistic price.
- 100% machine code software for realtime functions.
- HiRes sample editing.
- Realtime frequency display.
- Realtime level meters.
- Adjustable manual/automatic record trig level.
- Variable sample rate & playback speed.
- Separate scroll line waveform windows & zoom function with Edit windows for fine accurate editing.
- 3D shot of sound waveform. Wave editor to design your own waveforms or adjust existing ones.
- Microphone & line input.
- Software files can be used within other music utilities.
- Amiga version comes complete with "JAMMER" software for playback/sequencing of your recorded samples.
- Lots of useful features.
- ST version has MIDI playback option. Play recorded samples via external MIDI keyboard.
- Complete Hardware/Software package.



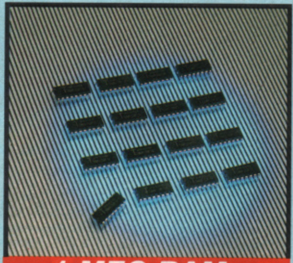
ONLY £69.99 PLEASE STATE A500/1000/2000 OR ST VERSION **£59.99**

MIDIMASTER

- Full Midi Interface for A500/1000/2000 (please state model).
- Compatible with most leading Midi packages (including D/Music).
- Midi In - Midi Out x3 - Midi Thru.
- Fully Opto isolated.

ONLY £34.99

MIDI CABLE - 3 Metre Length
ONLY £6.99



1 MEG RAM UPGRADE KIT

- 512K of FASTRAM to bring your 520 STFM up to a full 1040K!!
- Fitting is a straightforward soldering job - achieved by anyone who has a little experience.

ONLY £79.99

1MEG INTERNAL DRIVE UPGRADE

- Replace internal 500K drive with a full 1 meg unit.
- Top quality drive unit.
- Full fitting instructions.
- Easily fitted, no special skills required.
- Direct plug in replacement.
- Available now.
- When considering a drive replacement remember that quality is most important.

ONLY £69.99

TRACKMASTER

- Trackmaster track display unit is a must for the disk user.
- Simply plugs into disk drive port of the ST.
- Displays track number, disk side and read/write status as the head moves along the disk.
- Has daisy-chain socket to connect external drive.
- Invaluable for identifying protection tracks etc.
- Two-digit LED display.
- Displays up to track 85.
- Works on both internal and external drive (switchable).
- Complete hardware solution - no software required.

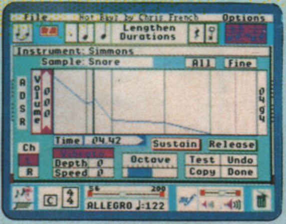
ONLY £34.99

A TOTAL MIDI MUSIC PACKAGE

SAVE OVER £70*

FREE MIDI CABLES

UNBEATABLE VALUE PACK - THE YAMAHA SHS 10 FM MIDI COMPATIBLE GUITAR-STYLE SYNTHESISER, THE ACTIVISION MUSIC STUDIO SOFTWARE PLUS THE MIDIMASTER INTERFACE TO CONNECT TO YOUR COMPUTER SYSTEM



YAMAHA SHS 10 FM SYNTHESISER KEYBOARD

- Superbly styled guitar-type keyboard with shoulder strap.
- Top quality brandname.
- 2.5 octave keyboard.
- 25 built-in instrument and rhythm choices.
- Uses FM synthesis.
- Full MIDI standard.

ACTIVISION MUSIC STUDIO

- A full feature MIDI Recording Studio.
- A multi channel sequencer with realtime input and full editing facilities.
- Completely menu driven - full Mouse control.
- Very simple to use.

MIDIMASTER INTERFACE

- This unit connects your computer to any MIDI instrument.
- Fully Opto isolated - MIDI IN, MIDI OUT, MIDI THRU.
- Only required for the Amiga!

FREE CABLES

- 3 metre long MIDI Cables - completely FREE!! (normally £6.99).

ST VERSION
ONLY £79.99

AMIGA VERSION
WITH MIDI INTERFACE
ONLY £99.99

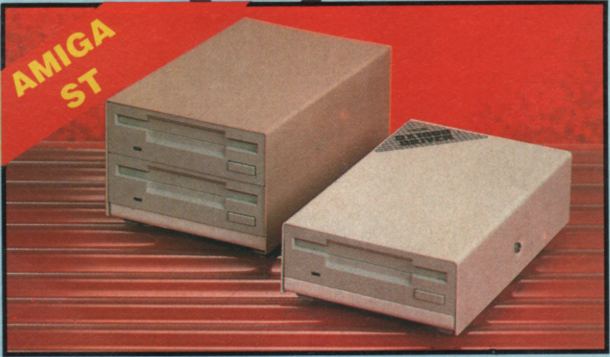
ACE 4

DATEL ELECTRONICS

EXTERNAL 3.5" DISK DRIVE

- Slimline extra low profile unit - only 6" long!
- Top quality drive mechanism. Fully compatible.
- Throughport allows daisy-chaining other drives (Amiga only).
- A superbly styled case finished in computer colours.
- 1 meg unformatted capacity.
- Good length cable for positioning on your desk etc.

AMIGA VERSION SINGLE DRIVE
ONLY £69.99
ST VERSION
ONLY £89.99 WITH FREE OCP ART STUDIO



AMIGA ONLY TWIN DISK DRIVE ONLY £129.99

ADD £5 FOR COURIER DELIVERY IF REQUIRED

EXTERNAL DRIVE SWITCH (AMIGA ONLY)

- Switch in/out of external drives.
- Save on memory allocated for drives not currently in use.
- DF1 & DF2 controlled.

ONLY £9.99

AMIGA VIDEO DIGITISER

- 256 x 256 display with 16 grey levels.
- Realtime frame grab 1/50th second.
- Takes standard composite Video input from camera or Video recorder.
- Screen update 1 frame per second, single, continuous or buffered display.
- Load, Save facilities including IFF Save.
- Edit picture, cut, copy, paste and undo.
- Special effects, reverse, negative, mirror, compress, etc.
- Increase the width of the display to 320 x 256 automatically or manually.
- Plugs into the parallel port of your Amiga 1000/500/2000.
- Comes complete with its own power pack.

ONLY £89.99

REPLACEMENT MOUSE

- High quality direct replacement for mouse on ST/Amiga.
- Teflon glides for smoother movement.
- Rubber coated ball for minimum slip.
- Optical system counting - 500/mm.

Special offer - free mouse mat + mouse house (worth £7.99).

ONLY £29.99
COMPLETE (STATE ST OR AMIGA)

GENISCAN GS4500 ST/AMIGA

AMIGA
ST
GeniScan
START
PHOTO/LETTER

- An easy to handle Handy Scanner featuring 105 mm scanning width & 400 dpi resolution enables you to reproduce graphics & text on your computer screen.
- Adjustable switches for brightness & contrast.
- Printout for Epson compatibles.
- With Geniscan you have the ability to easily scan images, text & graphics into the ST/AMIGA.
- A powerful partner for Desk Top Publishing.
- Powerful software allows for cut & paste editing of images etc.
- Save images in suitable format for most leading packages including DEGAS, NEOCHROME, FLEET-STREET, DELUXE PAINT etc.
- Unmatched range of edit/capture facilities simply not offered by other scanners at this unbeatable price.

SPECIAL OFFER
COMPLETE WITH OCP ART STUDIO (ST) OR DELUXE PAINT II (AMIGA) FOR ONLY £189.99
INCLUDING HARDWARE/SOFTWARE

ST
DATEL UTILITIES
TIMEKEEPER
DATEL ELECTRONICS

ST TIMEKEEPER CARTRIDGE

- The correct time/date every time you switch on your ST.
- Works with most GEM type applications.
- Battery backed Clock/Calender.
- On board Lithium battery for extra long life.
- Displays in 12 or 24 Hr. format.
- Comes complete with set-up disk & alarm clock utility.

ONLY £29.99

512K RAM EXTENSION CARD

- Available with/without calendar/clock option.
- Simply plugs internally into A500 slot.
- Switch in/out with switch supplied.
- Fitted in minutes - no soldering etc.
- Accepts 41256 DRams (zero K RAM fitted).
- With calendar/clock onboard time/date automatically booted.
- Battery backed to retain time/date.

ONLY £19.99
FOR STANDARD CARD TO ACCEPT 512K

ONLY £34.99
FOR VERSION WITH CLOCK/ CALENDAR

NB THESE PRICES ARE FOR BOARDS WITHOUT RAM CHIPS. PHONE 0782 744707 FOR RAM PRICES. PHONE FOR LATEST FULLY POPULATED BOARD/RAM PRICES.

5.25 EXTERNAL DISK DRIVE

- Add an external 5.25" Disk Drive to your ST.
- 40/80 track switchable.
- Up to 720K!!
- Ideal for PC Ditto etc.
- Attractively styled in computer colours.
- Comes complete with its own power supply unit built in.
- 5.25" Disks are much cheaper too!!

ONLY £99.99

ALL ORDERS NORMALLY DESPATCHED WITHIN 48 HRS

HOW TO ORDER ...

BY PHONE	BY POST	FAX
0782 744707 24hr Credit Card Line	Send cheques/POs made payable to "Datel Electronics"	0782 744292 UK ORDERS POST FREE EUROPE ADD £1 OVERSEAS ADD £3

PRICES AND SPECIFICATIONS CORRECT AT TIME OF PRESS AND SUBJECT TO CHANGE WITHOUT NOTICE

CALLERS WELCOME - Please reserve goods by telephone prior to visit.

DATEL ELECTRONICS

DATEL ELECTRONICS LTD., FENTON INDUSTRIAL ESTATE
GOVAN ROAD, FENTON, STOKE-ON-TRENT, ENGLAND.

SALES ONLY	TECHNICAL ONLY
0782 744707	0782 744324

ACE 4

The Quasar Centre – a converted cinema put to a better use than bingo.

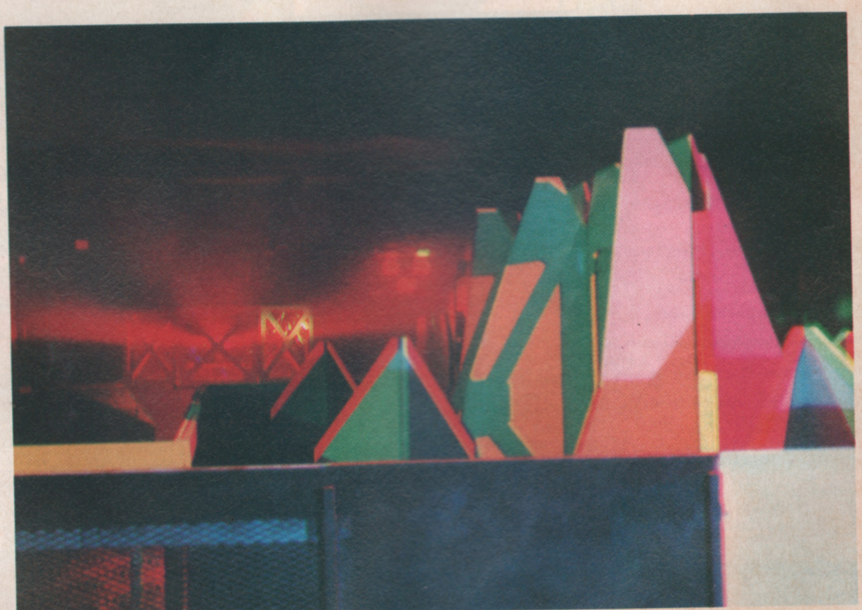
QUASAR
QUASAR THE LIVE ACTION SPACE GAME

Light Fantastic

Quasar, Europe's first live computer video game, has just opened up in North London. Paul Boughton visited the centre to trip the lightgun fantastic.

Smoke billows, lights flash. Figures move stealthly through the shadowy futuristic landscape. Lights glow eerily from chest and back packs. Each holds a glowing laser gun.

I withdraw into the shadows, waiting patiently. They are easy prey. A figure emerges from the gloom. I take aim and fire. A red beam cuts through the dark. And another. He's hit twice. A look of annoyance crosses his face as he rushes off to the re-energiser. Ha! That will teach him to tangle with me.



The futuristic playing area. "The sets were designed by us with help from the Australian inventor Geoff Hazelhurst," says Dave. "We got together and decided what would be a good layout using his experience of the functional aspects of the game, where people tend to go, play and congregate, and using some our ideas in terms of the more aesthetic aspects, the lighting, design and shapes."

Welcome to **Quasar,** Europe's first live computer video game. Fast, futuristic action, a sort of indoor splattergun game with the splatter replaced with high-tech infra red guns.

Quasar has just opened in a converted cinema in North London, hopefully the first of many to be opened in this country.

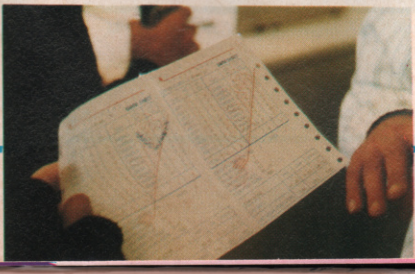
The game, which originates from Australia, is a live action fantasy space game in which two teams of players, equipped with special infra-red Phasar guns, attack and defend their headquarters. It's played in a purpose-built 6,000 square feet 'arena,' equipped with smoke machines and special lighting effects.

The players wear shoulder harnesses which carry a battery-powered chest and back pack linked up to the Phasar, which fires a harmless infra-red beam. Points are scored by deactivating an opposing player or base target and scores are displayed automatically on a giant computerised scoreboard. Each game lasts about 30 minutes, divided into two equal sessions.

The balcony of the cinema has been turned into a viewing gallery and rest area. It gives a good view of almost all the playing area. There are also two 'vesting' rooms – where the two teams put on their equipment and are told the rules of the game.

The brains behind **Quasar** are Daniel Sayer and Daver Cox. So how did they become involved? "Originally I was on holiday in Australia in '87", says Dave, "I went over there and

▲ **The vesting room. Says Dave: "Once people get into the vesting rooms they are briefed on the game. The briefing explains that the idea of the game is two-fold. There is a team aspect which is to attack and defend headquarter units and deactivate the opposition. The second time you are deactivated you have to reneregise. The individual aspect of the game is that each pack has the capacity to store information about what's going on and so at the end of the game each person has an individual score. They get a read out saying who they shot, how many times they shot them and how times they were shot and how many times they shot their own team."**



▲ **When you get hit, the Phasar power pack makes a strange buzzing sound and the lights go out. The buzzing also gives you a strange feeling in the stomach.**

◀ **All togged up and ready to play. "You have a harness, rather like a airline seat, a front pack, back pack which is the power unit and phasar gun which generates the coded infra-red beam. Each three parts of the equipment have receptors on – so each part of the kit is vulnerable to being hit. You just can't put your gun round the corner and shoot – somebody could shoot your gun and it will register a hit," says Dave.**

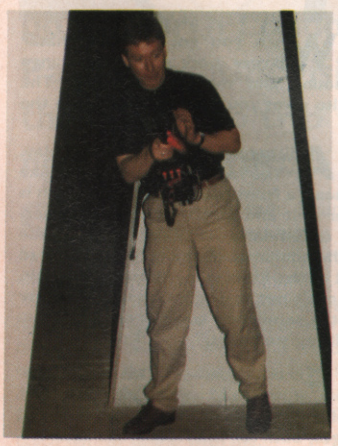
◀ **Facts and figures. This is the computer read out all players get at the end of the game, detailing scores, hits and percentages, both for individuals and teams.**

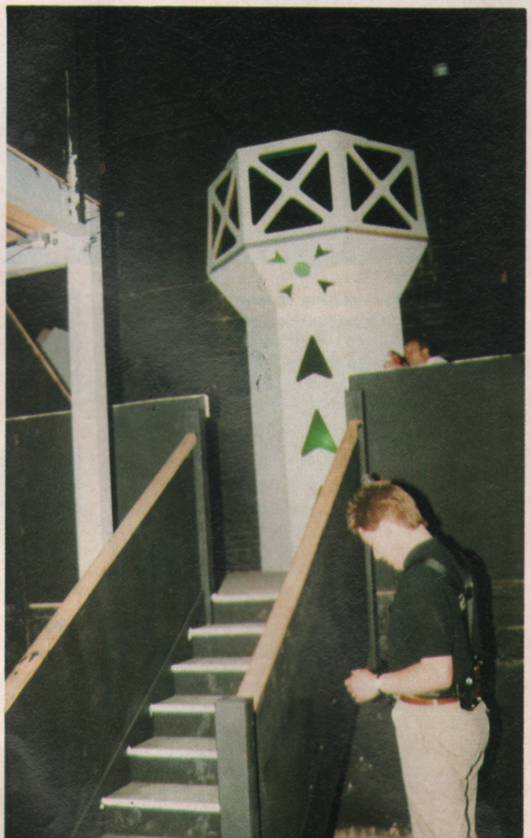
◀ Paul Boughton exits from the re-energising chamber, all powered up and ready to play.

▲ Defending headquarters – badly.

▲ Dave Cox and his partner Daniel Sayer celebrate the opening of the Quasar Centre.

▼ A sneaky place to hide. Friends or foe. The One's intrepid correspondent Paul Boughton doesn't take any chances – or prisoners.





was staying with some friends of mine in Perth and they said this new game had started up in the area invented by a local.

"I went down to the **Quasar Centre** in Perth and had a game and thought it was the most fantastic game I was ever involved in. I really enjoyed it. I came away thinking I must play this in England."

Dave continues: "I came back to England, had a look round and there was nothing, not a permanent **Quasar**-style centre. So I promptly contact the designers and manufacturers of the equipment, the people who set up the game originally in Western Australia and negotiated the franchise for Western Europe."

And as for further **Quasar** venues, Dave says: "We hope to open up with the next year or 18 months 10 centres throughout Britain and one in each capital city of Europe." But until then, the North London venue will have to be enough for the estimated 50,000 people a year who will be tripping the light fantastic.

LOCATION: The Old Cinema, Frobisher Road, LONDON N8, a two minute walk from Turnpike Lane Underground station.

OPENING HOURS: It is open seven days a week from 11:00 to 22:30 hours during the week and from 09:00 to 22:30 hours at weekends.

COST: Membership costs £2 per person and each game costs £4.

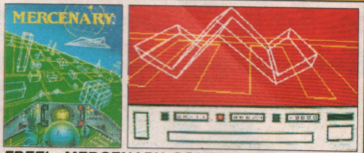
◀ The headquarter unit. It can be deactivated by firing at it twice within four seconds.

FREE! TENSTAR PACK WORTH OVER £229!

FREE! - **AMEGAS** - by Players

FREE! - **INSANITY FIGHT** - by Microdeal

FREE! - **ART OF CHESS** - by SPA


FREE! - **MERCENARY COMP** - by Novagen

FREE! - **BARBARIAN, ULT WARRIOR** - by Palace

FREE! - **TERRORPODS** - by Psygnosis

FREE! - **BUGGY BOY** - by Elite

FREE! - **THUNDERCATS** - by Elite

FREE! - **IKARI WARRIORS** - by Elite

FREE! - **WIZBALL** - by Ocean

Commodore AMIGA

AMIGA 500
Photon Paint

ONLY £3.34 PER WEEK

RETURN COUPON FOR DETAILS

£346.95 +VAT= £399

INCLUDES FREE UK DELIVERY

The Amiga 500 is one of a new breed of technologically advanced computers, which are now emerging as the new standard for home computing, based around the new Motorola 68000 chip. The A500 has 512K RAM and a 1Mbyte double sided disk drive built-in. It can be connected directly to a wide range of monitors, or to a domestic TV set through a TV modulator. Designed with the user in mind, the A500 features a user friendly WIMP environment and comes supplied with a free mouse. And, when you buy your Amiga from Silica Shop, the UK's No1 Amiga specialists, you will experience an after sales service that is second to none, including a technical support helpline and free newsletters and price lists. Return the coupon below for our current information pack, which will give details of the Silica service and the very latest Silica Amiga offers. E&OE.

WHY SILICA SHOP?

Before you decide when to buy your new Commodore Amiga computer, we suggest you consider very carefully WHERE you buy it. There are MANY companies who can offer you a computer, a few peripherals and the top ten selling titles. There are FEWER companies who can offer a wide range of products for your computer as well as expert advice and help when you need it. There is ONLY ONE company who can provide the largest range of Amiga related products in the UK, a full time Amiga specialist technical helpline and in-depth after sales support, including free newsletters and brochures delivered to your door for as long as you require after you purchase your computer. That one company is Silica Shop. We have been established in the home computer field for ten years and can now claim to meet our customers requirements with an accuracy and understanding which is second to none. Here are just some of the things we can offer you:

THE FULL STOCK RANGE: The largest range of Amiga related peripherals, accessories, books and software in the UK.

AFTER SALES SUPPORT: The staff at Silica Shop are dedicated to help you to get the best from your Amiga.

FREE NEWSLETTERS: Mailed direct to your home as soon as we print them, featuring offers and latest releases.

FREE OVERNIGHT DELIVERY: On all hardware orders shipped to Silica Shop customers within the UK mainland.

PRICE MATCH PROMISE: We will normally match our competitors offers on a 'same product same price' basis.

FREE TECHNICAL HELPLINE: Full time team of Amiga technical experts to help you with your technical queries.

But don't just take our word for it. Complete and return the coupon below for our latest Amiga literature and begin to experience the Silica Shop specialist Amiga service.

PHOTON PAINT PACK

A500 Computer	£399.99
TV Modulator	£24.99
Photon Paint	£69.95
TenStar Pack	£229.50
TOTAL RRP:	£724.43
LESS DISCOUNT:	£325.43
PACK PRICE INC VAT:	**£399**

1084S MONITOR PACK

A500 Computer	£399.99
1084S Colour Monitor	£299.99
Photon Paint	£69.95
TenStar Pack	£229.50
TOTAL RRP:	£999.43
LESS DISCOUNT:	£350.43
PACK PRICE INC VAT:	**£649**

FREE FROM SILICA

When you buy the Amiga 500 from Silica Shop, you will not only get a high power, value for money computer, we will also give you some spectacular free gifts. First of all, we are now including a TV modulator with every A500 stand alone keyboard, so you can plug your Amiga straight into your TV at home (the modulator is not included with the A500+A1084S pack as it is not required for use with monitors). Secondly, we have added a free copy of Photon Paint, an advanced graphics package with an RRP of £69.95. Last (and by no means least!), so that you can be up and running straight away, we are giving away the sensational TENSTAR GAMES PACK with every A500 purchased at Silica Shop. This pack features ten top Amiga titles which have a combined RRP of nearly £230! Return the coupon for details.

FREE TENSTAR PACK

When you buy your Amiga 500 from Silica Shop, we want to make sure you get the best deal possible. That is why we are giving away the TENSTAR GAMES PACK worth nearly £230, absolutely FREE with every A500 purchased from us. The TenStar Games Pack includes ten titles for the A500, each individually packaged in its own casing with instructions.

Amegas	£14.95
Art Of Chess	£24.95
Barbarian, Ult Warrior	£19.95
Buggy Boy	£24.95
Ikari Warriors	£24.95
Insanity Fight	£24.95
Mercenary Comp	£19.95
Terrorpods	£24.95
Thundercats	£24.95
Wizball	£24.95
	£229.50

TOTAL RRP: £229.50 INC VAT

DO YOU OWN AN AMIGA?

If you already own an Amiga computer and would like to be registered on our mailing list as an Amiga user, let us know. We will be pleased to send you copies of our price lists and newsletters FREE OF CHARGE as they become available. Complete the coupon and return it to our Sidcup branch and begin experiencing a specialist Amiga service that is second to none.

SILICA SHOP:

SIDCUP (& Mail Order) 01-309 1111
1-4 The Mews, Hatherley Road, Sidcup, Kent, DA14 4DX
OPEN: *MON-SAT 9am - 5.30pm* ***LATE NIGHT:*** *FRIDAY 9am - 7pm*

LONDON 01-580 4000
52 Tottenham Court Road, London, W1P OBA
OPEN: *MON-SAT 9.30am - 6.00pm* ***LATE NIGHT:*** *NONE*

LONDON 01-629 1234 ext 3914
Selfridges (1st floor), Oxford Street, London, W1A 1AB
OPEN: *MON-SAT 9am - 6.00pm* ***LATE NIGHT:*** *THURSDAY 9am - 8pm*

To: Silica Shop Ltd, **CVG0989**, 1-4 The Mews, Hattherley Road, Sidcup, Kent DA14 4DX

PLEASE SEND ME FREE LITERATURE ON THE AMIGA

Mr/Mrs/Ms: .... Initials: .... Surname: ....

Address: ....

....

....

Postcode: ....

Do you already own a computer
If so, which one do you own? ....

MicroProse has rarely been out of the news lately, what with the purchase of Telecomsoft and the release of Greenpeace. So it's about time that UK boss Stewart Bell faced the Backspace firing squad...

Regarding the recent release of the Greenpeace: Rainbow Warrior **game: do you not think this smacks of hypocrisy given the fact that MicroProse seems to actively condone war and destruction on a grand scale with its string of military simulations, including one which centres around the exploits of a NUCLEAR submarine.**

I see no reason to get worked up about the fact that we are releasing a game in conjuction with Greenpeace. MicroProse simulations are known for their quality and depth of gameplay, the strategy needed in order to succeed, and for the attention to detail. People do not, as you state, think of MicroProse simulations as 'destruction on a grand scale'.

Because of the strategy element involved, the best scenarios to use by default are ones that involve armed conflict based around real life circumstances. None of our simulations could ever be accused of gratuitous violence as is witnessed in shoot 'em ups and space blast 'em ups from other software houses. Indeed, had another software house published the Greenpeace game, the computer press would not have bothered the publishers of the game with banal questions, such as, 'Don't you think it hypocritical that **** Software Ltd should be publishing a Greenpeace game bearing in mind it has just brought out "Alien Mindbender's Killing Spree and Warped Avenger's of Death"?'

The fact is, we at MicroProse would rather see wars fought on computer than in real life.

We care about the environment as much as anybody else. Greenpeace have vetted us, along with quite a few other software houses, most carefully before they agreed to let us publish the game and their decision to work in conjunction with us at MicroProse should be sufficient evident of their faith in us.

Both MicroProse and Greenpeace are working to one common aim with **Rainbow Warrior, The Greenpeace Computer Game,** and that is to bring the Greenpeace message to a far wider audience. If we succeed in making more people aware of what Greenpeace are trying to achieve for all our sakes, then it will have all been worthwhile. A significant number of MicroProse employees, including myself, are Greenpeace members. Are you?

What's the reasoning behind the MicroStyle and MicroStatus labels? Can games really be classified by the age range that they will appeal to? Surely you don't need to be an adult to enjoy RVF, **or a child to enjoy** Dark Side? **A game is a game is a game... isn't it? Surely anyone who enjoys computer games is really just a kid at heart?**

Virtually every successful brand or product is successful because it is produced with a target consumer in mind. The only way to satisfy customers is by knowing what they need. The average software consumer in this country is getting older and more sophisticated. He is also disillusioned with most contemporary software. We target our products to make them better value for money. The more software houses do this, the more satisfied customers will be.

The fact that we target MicroStyle at 17 year-olds does not preclude a 10 year-old or a 40 year-old from enjoying the product. Indeed, the product is developed with the anticipation of a wide age span. But we treat the consumer seriously – we have to, without them where would we and, for that matter, you be without the support of the consumer?

The 'game is a game is a game' attitude is symptomatic of an industry which gives its consumers banal, low value product in volume. We at MicroProse steer well clear of this well-trodden path and we're proud of our excellent reputation for producing high-class software.

Now that you have got Firebird and Rainbird under your belt, are we likely to see a change in the style of Firebird and Rainbird products – will MicroProse continue to use these labels, and if so, how will they fit into the child/teenager/adult scenario?

Firebird will be targetted slightly younger than MicroStyle with 'themed' product. Rainbird will be complementary to MicroStatus with strategy product. Both will be formally relaunched towards the year end.

Do you foresee – or at least hope for – Christmas chart success this year? If so, how do you plan to combat the Ocean and Activision warships that are armed to the teeth with licences galore? Can you fight fire with fire?

MicroProse is not interested in short-term chart positions. We are not bringing out a Christmas product as such. What we do have is a range of high-value product that will be promoted around the Christmas period. What is the point of being the Christmas No. 1 bestseller? Will this year's No. 1 be a fantastic game or will it simply be an average to good game with an expensive licence and hyped and advertised beyond all recognition? And, correspondingly, how soon afrer the Christmas rush will it appear on a compilation or at a budget price? We will continue to develop and sell product as we always have done. The result – the best software money can buy.

THE PERSONAL COMPUTER SHOW
EARLS COURT LONDON

PC SHOW DISCOUNT!

50P OFF!

This coupon entitles you to 50p off the entrance price to the 1989 PC Show at Earls Court, London – but it's only valid for Saturday 30th September and Sunday 1st October.

PLEASE NOTE
- *The PC Show Organisers reserve the right to refuse admission.*
- *Photocopies will NOT be accepted.*
- *Only one voucher can be used per reader (so don't think you can use seven of 'em to get in for free!).*

SPORTS & ACTION POWERED BY... EPYX®

SPORTS & ACTION POWERED BY... EPYX®

SPORTS & ACTION POWERED BY... EPYX®

SPORTS & ACTION POWERED BY... EPYX®

THE FINEST COLLECTION OF ALL ACTION SPORTING CHALLENGES EVER COMPILED. THE TOUGHEST SELECTION OF POWER SAPPING, MIND POPPING SKILL TESTS YOU'LL EVER BRING INTO YOUR HOME ...

... EPYX are recognised world leaders as creators of the best in sporting simulations. Marvel at the quality of the game play, be amazed at the detail of the graphics, feel your pulse quicken as you're drawn by the excitement of the crowd into the heart of competitive action.

THE GAMES
WINTER EDITION

THE GAMES WINTER EDITION™ – Compete against the world's greatest winter athletes in seven pulsating challenges that will test nerve and skill to the very limits. Cross Country Skiing, Figure Skating, Luge, Speed Skating, Ski Jumping, Slalom, Downhill Ski-ing.

CBM 64/128 & Amstrad **£9.99**t, **£14.99**d
Spectrum 48/128K **£8.99**t +3 **£12.99**d
IBM PC **£24.99**d, Atari ST **£19.99**d
Apple **£24.99**d, Amiga **£19.99**d, MSX **9.99**t

Screen shots from various formats.

4x4
OFF-ROAD RACING

4 x 4 OFF ROAD RACING™ The ultimate test of speed and survival. Customise your vehicle to meet snow and ice, mud and the desert and prepare to race over some of the world's toughest terrain. The Georgian mud flat, the Michigan Winter Wreck-Off, the Death Valley Trek, the Baja Challenge. Makes Grand Prix look like child's play.

CBM 64/128 & Amstrad **£9.99**t, **£14.99**d
Spectrum 48/128K **£8.99**t, Amiga **£24.99**d
IBM PC **£19.99**d

California
GAMES™
HOLLYWOOD
STOP

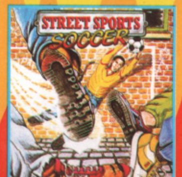
CALIFORNIA GAMES™ – The smell of the surf, the sun on your back, the sand between your toes ... six of the best West Coast sports will set your pulse racing. Skate the boardwalk, flip the frisbee® and wheelie the BMX. And then the ultimate test – shooting the curl as you battle the giant Pacific rollers.
So get air, go crazy! Welcome to a new state of intensity!

CBM 64/128 & Amstrad **£9.99**t, **£14.99**d
Spectrum 48/128K **£8.99**t, +3 **£12.99**d
Amiga **£19.99**d · IBM PC **£19.99**d

STREET SPORTS™ – Get down to the place where the action is real, the teams are tough and the reward is ... survival! Get down to the streets in a series of challenges where the roar of the crowd is never heard, but the tension of rival gangs is always ready to explode.

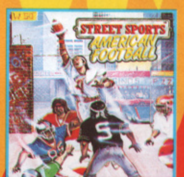
STREET SPORTS

Baseball: CBM 64/128 **£9.99**t, **£14.99**d
IBM PC **£19.99**t · Apple **£24.99**d
American Football: CBM 64/128 **£9.99**t, **£14.99**d
IBM PC **£19.99**d


STREET SPORTS
SOCCER

IT'S TOUGH ON THE STREETS
Street Sports
BASEBALL

IT'S TOUGH ON THE STREETS
Street Sports
BASKETBALL


STREET SPORTS
AMERICAN FOOTBALL

THE GAMES
SUMMER EDITION
COMPETITION
LARRY (USA)
CRAIG (MEX)
02 37 66

THE GAMES SUMMER EDITION™ – The complete test of body co-ordination, muscle power and speed as you [illegible] your limbs on the wildest combination of eight exciting events ever compiled for human competition. Pole Vault, Parallel Bars, Cycling, Hammer Throw, Diving, Hurdles, Archery, Gymnastic Rings. Become your own sporting hero.

CBM 64/128 **£9.95**

U.S. Gold Ltd., Units 2/3 Holford Way,
Holford, Birmingham B6 7AX.
Tel: 021 625 3388

IS IT REAL OR IS IT... EPYX®

IS IT REAL OR IS IT... EPYX®

IS IT REAL OR IS IT... EPYX®

IS IT REAL OR IS IT... EPYX®

GUESS WHO'S COMING
TO SAVE THE WORLD AGAIN?

ACTIVISION

© 1989 Columbia Pictures Industries Inc.
All Rights Reserved.